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STAFF ORGANIZATION AND PROCEDURES.
PART III. TEST DATA. SECTION I

Donald D. Durr, et al

Modern Army Selected Systems Test,
Evaluation, and Review
Fort Hood, Texas

10 May 1974

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STAFF ORGANIZATION AND PROCEDURES PART III-TEST DATA

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FORT HOOD, TEXAS 76544

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MODERN ARMY SELECTED SYSTEMS TEST, EVALUATION, AND REVIEW
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Section I
SR-1

STAFF ORGANIZATION AND PROCEDURES
MASTER Test FM 119

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STAFF ORGANIZATION AND PROCEDURES
MASSTER Test No FM 119

PART III - TEST DATA

CHAPTER I - DATA DESCRIPTION

Section I - INTRODUCTION

I-1. General.

a. The quantitative data collected during the conduct of test FM 119 is presented in chapter 2, part III of this report. The data is organized into the following 14 data sections: division level data, division G1, G2, G3, and G4 data, tactical command post data, alternate command post data, division artillery data, division support command data, brigade, battalion, and communications data, electronic warfare cryptologic officer (EWCO) data, and TAC SOP data.

b. The type of data presented in section I, chapter 2 is that which is most applicable to the evaluation of the intra-command post or intra-sectional activities of the fielded organizations. Specific type data contained in this section is major staff outputs (quantity, quality, preparation times, requests for clarification), traceable events (recognition time, reaction time, display update times), and display accuracy ratings.

c. Sections II-XI, excluding section VI, of chapter 2 contain data addressing the following topics: personnel; equipment; functions and procedures; files; reports; organizational structure and physical relationships; communications; effect of displacement; effect of destruction; effect of TAC CP deployment; effect of the alternate CP; effect of shifting control; scenario, control, and training; information flow; and adequacy of personnel and equipment.

d. Section XII contains communications data on the use of FM and AM voice radio nets, use of teletypewriter circuits (RATT and TTY), and tabular data on G2 sole-user telephone circuits. Section XIII pertains to the EWCO and section XIV contains data pertinent to the SOP.

I-2. Logic Diagrams. To facilitate the use of the data contained in this report, a general concept as to the method used to correlate the various types of data is necessary. A series of logic diagrams are

shown in figures 1-1 and 1-2 which should assist in understanding the development of the element and section subfindings presented in part II of the test report.

1-3. Questionnaires. A variety of questionnaires were used to collect the information required to satisfy the test objectives and information needs. There were eight principle types of questionnaires, each designed to provide a particular type of information.

a. The player daily questionnaire number 1 (PDQ-1) was provided to personnel of the tested units as indicated in the player questionnaire completion schedule in section 1, chapter 2. The primary purpose of this questionnaire was to collect detailed quantitative data concerning functions, files, reports, and usage factors on all means of communication.

b. The player daily questionnaire number 2 (PDQ-2) was oriented toward the element OIC's and NCOIC's and was primarily used to acquire the element level viewpoint of its effectiveness, adequacy of personnel and equipment, effects of displacement and destruction of the Div Main CP, deployment of the tactical CP, establishment of the alternate CP, and the shifting of control within the division.

c. To provide a balance to the player responses in the PDQ-2 questionnaire, a category II evaluator daily questionnaire (IID) was used. The category II evaluator observed the activities of not more than two elements and his daily questionnaire addressed the same areas as the PDQ-2 and detailed aspects of element performance and intra-element coordination. Much of this questionnaire was in narrative form and allowed for a record of observations on all aspects of the test.

d. To provide a higher level view of performance and the effects of displacement and destruction, the category I evaluator daily questionnaire (ID) was used. This questionnaire was oriented to record these indicators as seen from the command group and coordinating staff level.

e. The category III evaluator questionnaires (CAT III D1, D2, D3) were used to collect work space data and detailed map and chart data. The D2 provided space for sketches of the interiors of vans or other work areas used by each element of the fielded units. The D1 and D3 questionnaires were used to determine accuracy and completeness of selected maps and charts in addition to providing posting and usage data on all visual displays.

f. The player end of test questionnaire (PEQ) provided the members of fielded units an opportunity to address in detail all aspects of the test.

MAJOR STAFF OUTPUTS

Quantity (P,E)
Quality (E)
Preparation Time (E)
Clarification Request (E)

Major
Outputs

TRACEABLE EVENTS (TE'S)

Recognition Time (E,C)
Reaction Time (E,C)
Processing Time (E,C)

TE'S

Info
Mgmt

DISPLAY ACCURACY AND UPDATE DELAY

Accuracy, FRESIT Maps (E,C)
Accuracy, ENSIT Maps (E,C)
Accuracy, Charts (E,C)

Accuracy

Update Delay Maps (E)
Update Delay Charts (E)

Update

Source

E - Evaluator

P - Player

C - Control

Figure 1-1. Division level information management, logic diagram.

PERSONNEL

Present for Duty (E)
Missing (E)
Excess (E)

Personnel

EQUIPMENT

Available (E)
Missing (E)
Excess (E)

Equipment

FUNCTIONS AND PROCEDURES (F&P)

F&P Listed (P)
F&P Unlisted (P)
Absent (P)
Idle (P)

Available
Time

OFM Required (P,E)
OFM Used (P,E)
OFM Adequacy (P,E)
Changes required in OFM (P,E)

OFM

F&P

FILES

Files Used (P)
Files Required (P,E)
Usage Time (P)
Maintenance Time (P)

Files
(All)

Displays Used (E)
Personnel Who Used Displays (E)
Displays Posted (E)
Personnel Who Post Displays (E)

Files
(Visual)

Files

Source

E - Evaluator

P - Player

C - Control

Figure 1-2. Element and section analysis logic diagram.

REPORTS

Reports Prepared (P)
Preparation Time (P)
Reports Required (P,E)

Reports

ORGANIZATIONAL STRUCTURE AND PHYSICAL RELATIONSHIPS

Detailed Interior Drawings (E)
CP Sketches (E)
Adequacy of Physical Layout (P,E)
Adequacy of Organizational
Structure (P,E)

Organizational
Structure and
Physical
Relationships

COMMUNICATIONS

Calls Made (P)
No. Clarifications (P)
Calls Received (P)
No. Clarifications (P)

FM, AM
Voice, Tel

RATT Msgs Sent (P)
No. Clarifications (P)
RATT Msgs Received (P)
No. Clarifications (P)

RATT

Communications

Adequacy, Organic Commo (P,E)
Adequacy, Supporting Commo (P,E)
Adequacy, Additional Commo (P,E)

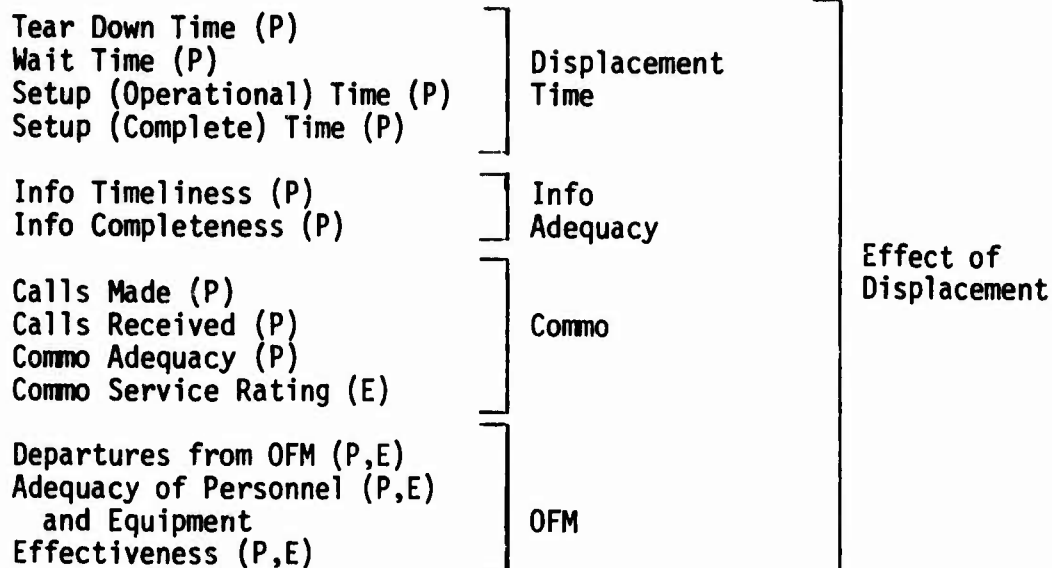
Adequacy

Early Warning, Disseminate (P,E)
Early Warning, Receive (P,E)
Early Warning, Difficulty (P,E)

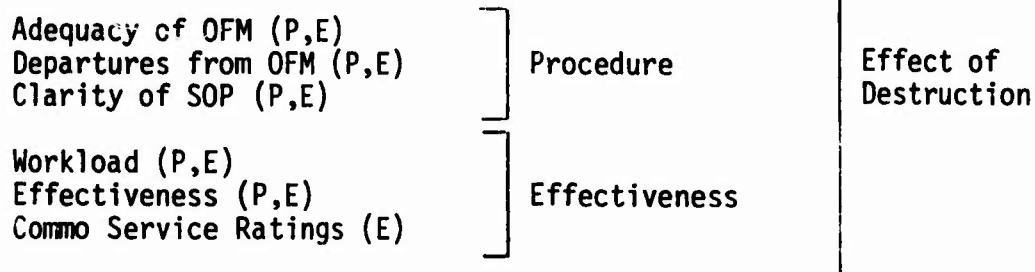
Early
Warning

Figure 1-2 (Cont). Element and section analysis Diagram.

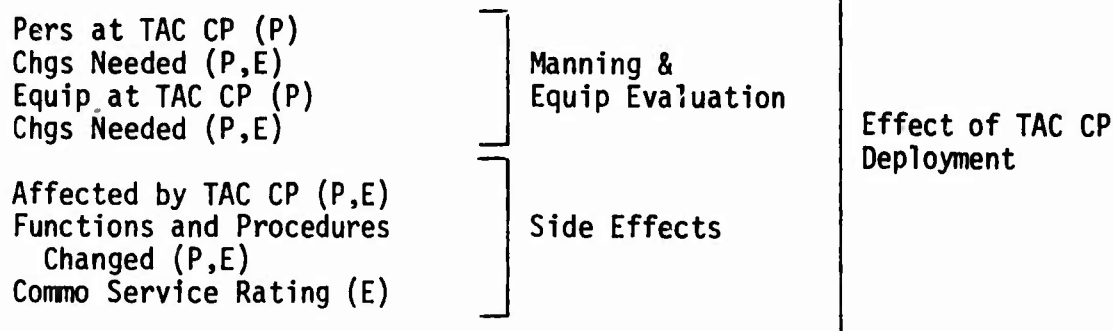
EFFECT OF DISPLACEMENT*



EFFECTS OF DESTRUCTION*



EFFECT OF TAC CP DEPLOYMENT*



*Indicates topics summarized at section level.

Figure 1-2 (cont). Element and section analysis diagram.

EFFECT OF ALTERNATE CP*

Control at Alt:
Alt Update Main (P,E)
Main Update Alt (P,E)
Responsiveness of Alt (P)
Accuracy of Alt Info (P)
Freq of Alt Queries (P)

Effect of
Alternate CP

EFFECT OF SHIFTING CONTROL*

Control from TAC CP
to Main, Difficult (P)
Control from Alt CP to Main,
Difficult (P,E)
Control from TAC CP to
Alt, Difficult (P,E)

Effect of
Shifting
Control

SCENARIO, CONTROL AND TRAINING

Unrealistic Constraints (P,E,C)
Constraints Affect Data (P,E,C)

Scenario

Additional Tng Required (P,E,C)
Excessive Guidance Given (E)
Excessive Guidance Received (E)
Quality of Personnel (P,C)
Shift Change Briefing (P)

Control and
Training

Scenario,
Control &
Training

INFORMATION FLOW

Orders, Direction, Guidance,
to and from (P)
Info and Recommendations,
to and from (P)
Rating - Internal Coord (E)
Rating - External Coord (E)
Rating - Guidance Given (E)
Rating - Supervision (E)

Functional
Relationships

Rating, info adequacy (P,E)
*Adequacy Intel Spt (P,E)
*Intel Spt Better or Worse (P,E)
Rating, Info Relevancy (P,E)
Rating, Info Timeliness (P,E)
Rating, Accuracy (P,E)
Difficulty in Obtaining (P,E)
Info Completeness (E)

Info
Characteristics

Info
Flow

Figure 1-2 (cont). Element and section analysis Logic diagram.

ADEQUACY OF PERSONNEL AND EQUIPMENT*

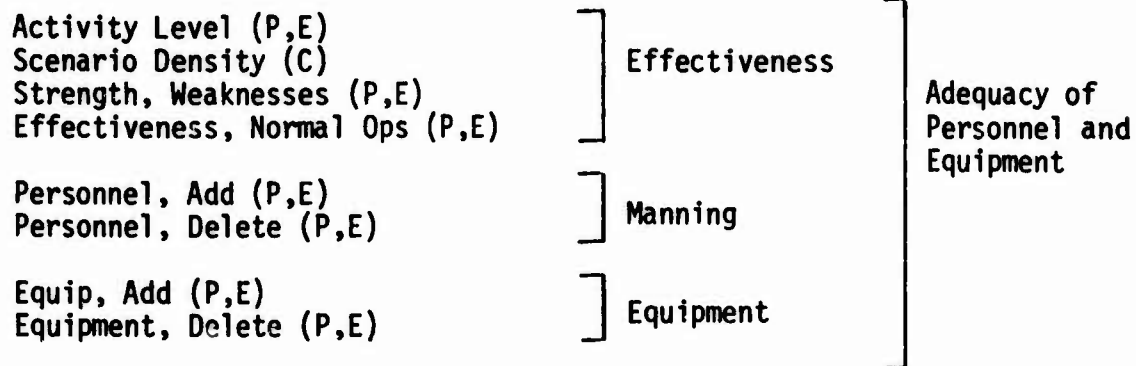


Figure 1-2 (Cont). Element and section analysis logic diagram.

g. The evaluator end-of-test (IR, IIR) report questionnaires provided a detailed summary of all test activities from both the section and element levels.

Section II - METHODOLOGY

1-4. General.

a. Selected major staff outputs were evaluated by the category I evaluators. Each category I evaluator collected and evaluated each major output for quality and completeness of information contained in that output. The rating scheme shown in figure 1-3 was used to evaluate staff outputs. Section I, chapter 2, contains frequency distributions of ratings for each type output and a mean rating for each item on each output checklist. A sample of this type data is in figure 1-4. An overall rating for each type output from the battalion, brigade, DISCOM, division artillery, and the main command post, along with a consolidated listing of all outputs by type, is presented.

Rating	Explanation
1	Output is completely intelligible and correct, and is in consonance with existing tactical/logistical conditions; permits proper action by addressee.
2	Output contains sufficient amount of correct information to permit proper action by addressee; reflects minor misinterpretations of tactical/logistical conditions.
3	Output requires degree of interpretation permitting doubt about propriety of action.
4	Output requires sender to be queried prior to initiating action; action appears in direct conflict with known existing conditions.
5	Output contains erroneous information that would lead to incorrect action or required entry omitted.

Figure 1-3. Rating scheme for staff outputs.

b. The preparation times for major reports, plans, orders, and annexes presented in section I, chapter 2, are mean preparation times as reported by the evaluators. The actual work time spent on all reports as reported by the players of the tested units can be found under the topic "reports" in the various other sections of chapter 2.

INTELLIGENCE SUMMARY

TYPE INFORMATION	RTG 1	RTG 2	RTG 3	RTG 4	RTG 5	RTG MEAN
Issuing unit	3					1.00
Time and date of issue	2		1			1.66
Enemy ground activity	1	2				1.66
Trace of enemy fwd elements		1				2.00
Potential targets for nuclear weapons	1	1				1.50
Nuclear activity						
CBR activity						
Air activity	1					1.00
Other activity (new tactics, counterintelligence, etc)	2	1				1.33
Personnel (KIA)	2					1.00
Prisoners of war						
Equipment destroyed or captured	2			1		2.00
New obstacles & barriers	2					1.00
Administrative activities						
New unit identifications						

Figure 1-4. Frequency distribution of ratings for the Div Arty intelligence summary (sample).

c. Traceable events were used to determine the timeliness of information flow throughout the division and subordinate commands. Category I and II evaluators were alerted to observe selected scenario events shown in section I, chapter 2. Times collected from the field locations were entered into an IBM 370-145 computer to facilitate analysis of the information flow. The data presented in section I, chapter 2, recapitulates the recognition and reaction times with respect to "significant" TE's, section processing times of all TE's, and chart update times at each command post. Also included is an ordered listing of the times collected for each traceable event identified by source. An example of the type questionnaire used is in figure I-5.

d. Chart data was collected from the unit strength, tactical logistics report, aircraft availability, ammunition status, artillery positions, and combat vehicle status charts. The category III evaluators recorded, at 6-hour intervals, selected information contained on the above charts at each command post. A special category III evaluator collected the same information from the test control element. A manual comparison of the information was made using the test control data as a base to determine the accuracy of player chart data as it changed over each 24-hour period. The resultant accuracies are listed as percentages for each type chart at each measurement time. These individual accuracies, along with an overall accuracy rating for each type chart by command post, are presented in section I, chapter 2.

e. Map data provides an additional indication of the accuracy and timeliness of the information flowing to and through the units and echelons of the division. Data was collected from representative friendly and enemy situation maps maintained throughout the division and also at control.

f. Friendly situation map data was collected simultaneously from several locations. The data which was collected from the CPX controlling organization was considered to be ground truth for unit locations. This data was compared with the data collected at the field command post locations of DISCOM, division artillery, division alternate (min and max augmentations), brigade, battalion, and division main.

(1) The general concept of analysis was to compare designated unit locations as recorded at the field locations to the corresponding unit location as recorded at the control location for each of 28 measurement times. These 28 measurement times are listed in figure I-6. A graphical description of the test conditions of shifting control, displacements, and destruction of the main and tactical CP's is located in figure I-7. For each measurement time, the straight line distance between the two reported coordinates of every designated unit was calculated using the formula $C = \sqrt{A^2 + B^2}$, where A is equal to the difference in northing and B is equal to the difference in easting for the two coordinates. The straight line distance for unit coordinates that

Traceable Event No.

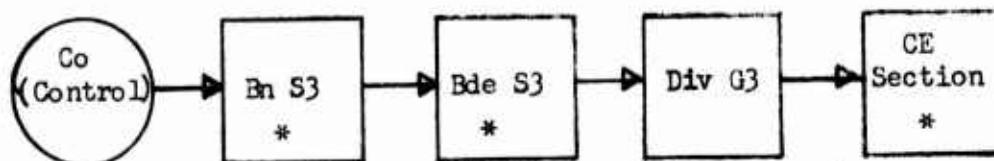
0	1	4	2
---	---	---	---

Position No.

--	--	--	--	--

Scenario Input Time 1415 OCT

Message Content: Radio Interference Report (MIJI)



TIME

DTG

1. T1 Input time (to your section/subsystem)

D	D	H	H	M	M

2. T2 Time relevant data was posted on a display

--	--	--	--	--	--

3. T3 Recognition by action officer

--	--	--	--	--	--

4. T4 Correct action initiated by action officer

--	--	--	--	--	--

5. Sequence # of display in T2 (refer to PDQ-1)

--	--	--	--

- *6. If your element/section is indicated by asterisk, check here

☐

7. If TE did not arrive this element/section, check here.

☐

Indicates element/section which should react for each echelon (Bn, Bde, Div).

Figure 1-5. Traceable event questionnaire.

MEASUREMENT NUMBER	DTG	MEASUREMENT NUMBER	DTG
1	121900	22	160230
2	122300	23	160330
3	130530	24	160430
4	130830	25	160530
5	131136	26	160630
6	131430	27	160730
7	131730	28	160830
8	132030		
9	132330		
10	140730		
11	141230		
12	141530		
13	141830		
14	142130		
15	150100		
16	150630		
17	150930		
18	151230		
19	151530		
20	151830		
21	152130		

Figure 1-6. Measurement times.

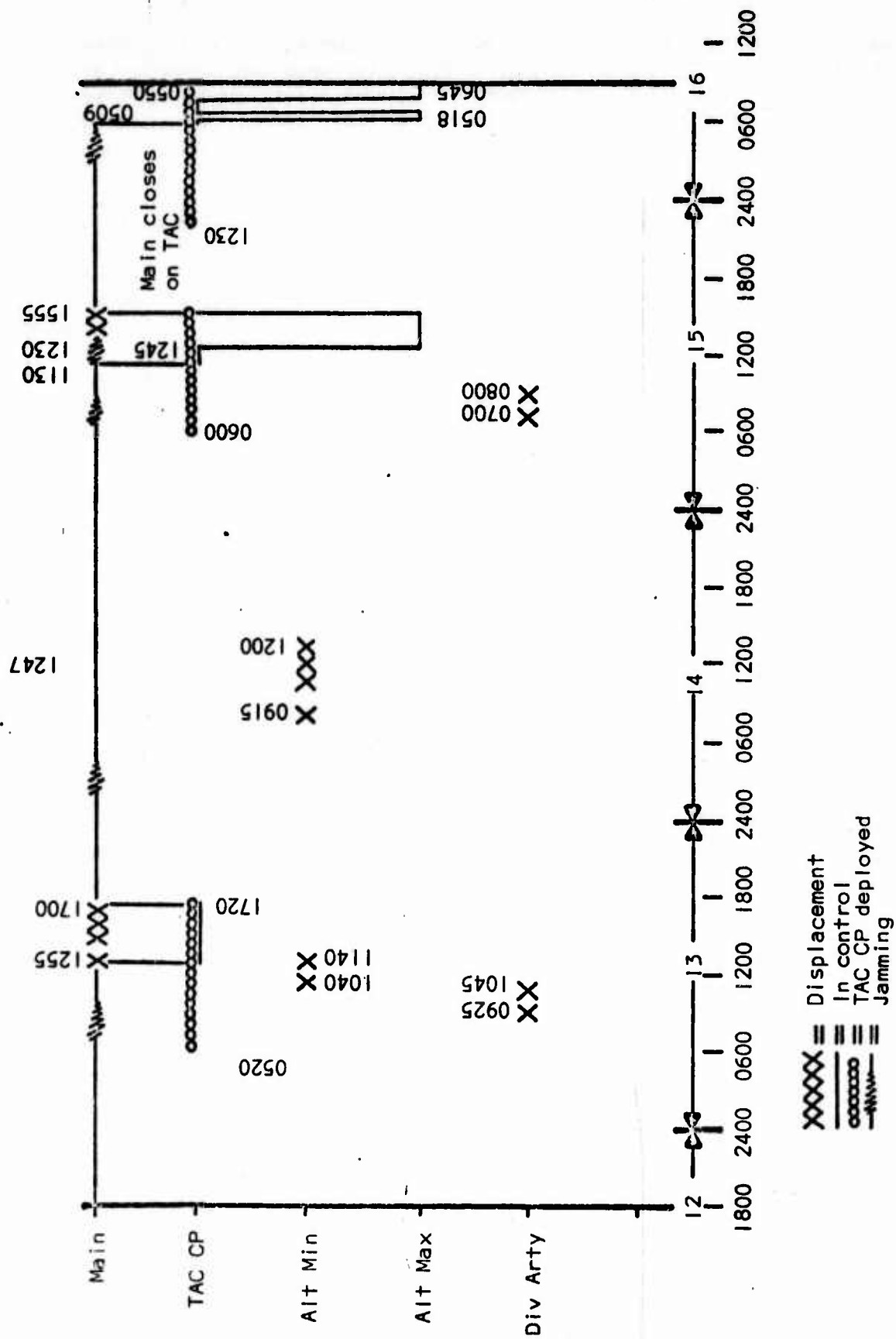


Figure 1-7. CONOPS conditions.

were less than or equal to 1,500 meters was considered to be correct. The 1,500-meter criteria includes a 500-meter mean deployment area for the brigade, battalion, and company CP's, and a 1-kilometer (km) error in map and/or overlay posting done in the field and at test control. An example of the percentage of correctly reported unit locations for each measurement time is located in figure 1-8.

(2) To assure compensation for the time delay experienced in the normal flow of information through the divisional organization and account for the oscillatory effects of tactical operations on information flow, it was necessary to compare field data taken at one measurement, measurement time 3 for example, with the control data taken at the same and two previous measurement times, e.g., measurement times 3, 2, and 1. A base rating for each field measurement was established by taking the highest percentage of the three accuracy comparisons described above. This compensates for the time lag in information flow and portrays a picture of the field elements' most accurate knowledge level of friendly unit locations. This rating for each measurement time establishes a base from which a comparison of the accuracy of friendly situation map data can be made for the various test conditions (normal operations, displacement, and destruction of the main CP).

g. The collection scheme for enemy map data was basically the same as for friendly map data. The primary difference was that the recorded data was located within the areas on the ENSIT map defined by the 1st Brigade forward edge of the battle area forward to a depth of 30 kms at control, Div Arty, main, alternate, and DISCOM; to a depth of 20 kms at brigade; and to a depth of 10 kms at battalion.

(1) The analysis comparison for accuracy of ENSIT map data used the following techniques. For each measurement time and for each element, the corresponding control collected data was used to define a window through which player data had to pass to qualify for consideration in the comparison. This window was defined by taking from the control collected data the extremes in northing and easting. To each side of the area thus defined, 8 kms was added to complete the definition of the window. This process was completed for each measurement. Each player coordinate was checked to see if it fit through the appropriate window. If it did not, the coordinate was discarded as being out of tolerance. If a coordinate passed through the window, it was then used to calculate the miss distance $C = \sqrt{A^2 + B^2}$ from all the controller reported enemy locations for a given measurement time. If any of the calculated miss distances were less than or equal to 8 kms from a known enemy location, the player coordinate was considered as correct. If the miss distance between the player reported coordinate and all controller reported

PLAYER MEAS NO (t)	RATING FOR CONTROL MEASUREMENT NO			BASE RATING	NORMAL OPERATIONS	DURING DISP OF MAIN CP	AFTER DEST OF MAIN CP
	(t)	(t-1)	(t-2)				
1	75	-	-	75	75		
2	50	50	-	50	50		
3	66	50	50	66	66		
4	75	0	0	75	75		
5	50	25	0	50	50		
6	-	-	-	-	-		
7	50	25	0	50		-	
8	50	0	0	50	50	50	
9	50	25	0	50	50		
10	100	0	0	100	100		
11	0	25	25	25	25		
12	0	0	0	25	25		
13	0	0	-	0	0		
14	25	0	0	0	0		
15	-	50	0	75	75		
16	50	-	-	-	-		
17	0	50	0	50	50		
18	0	0	0	0	0		
19	75	0	0	0	0	0	
20	0	0	0	75	75	75	
21	50	0	0	0	0		
22	75	0	0	50	50		
23	75	25	0	75	75		
24	25	25	0	75	75		
25	25	25	25	25	25		
26	75	75	75	75	75		25
27	100	0	0	100			75
MEAN	47.64	19.79	9.78	49.64	48.21	41.67	66.67
TOTAL	1191	475	225	1291	916	125	200
N	25	24	23	25	19	3	3

Figure 1-8. Accuracy ratings of friendly situation maps - battalion S4 element
(Allowable error 1500M) (sample).

coordinates was greater than 8 kms, the coordinate was considered as incorrect. The established criteria of 8 kms was derived from the defense deployment characteristics of aggressor forces as outlined in FM 30-102 and the consideration of human error in map and chart posting. This criteria is explained below. An example of the percentage of correct responses of those player collected coordinates which qualified for each measurement time comparison is portrayed in figure 1-9. For each measurement time, a compensation for time lag in information flow was accomplished in the same manner as in the friendly situation map data analysis.

(2) To use enemy situation map data to determine display accuracy, the nature of the source of this data must be considered and the tactical characteristics of the enemy forces portrayed must be understood. Information on enemy unit locations is primarily the result of a series of spot reports concerning contact with small enemy units (squad, platoons) as reported from subordinate units as well as information acquired by more sophisticated means. The analytical judgement of the personnel in the S2 and G2 elements translate these reports into a pattern which correlates to a type enemy unit. This total effort results in a probable location of an enemy unit being posted on an ENSIT map. These probable locations reported from the field and exact locations recorded at control require the use of some measurement which will allow for the error in location and at the same time be realistic. A mean deployment box for enemy units was developed. The diagonal of this deployment box was selected as an allowable error and was used to compensate for worst case placement of enemy unit symbology and for ease in computation. Development of this deployment box was based on the deployment characteristics of enemy forces in the defense as shown in figure 1-10.

(3) Battalion- and regiment-size enemy forces opposing the player division during test 119 were composed of the following: One mechanized regiment consisting of three mechanized battalions and one tank battalion; one tank regiment consisting of three tank battalions. Distances in figure 1-10 were used to determine a mean deployment width (\bar{W}) and a mean deployment depth (\bar{D}) as shown in figure 1-11. An enemy unit could logically be placed anywhere in the deployment rectangle defined by the distance \bar{W} and \bar{D} . Using this mean width and depth, the diagonal of the rectangle formed by the distances \bar{W} and \bar{D} was calculated using the formula:

$$C = \sqrt{\bar{W}^2 + \bar{D}^2}$$

$$C = \sqrt{(5.13)^2 + (4.33)^2}$$

$$C = 6.71 \text{ km}$$

An allowable error in posting and reading a map was set at 1.3 km. Therefore, total allowable error was 8.0 km.

PLAYER MEAS NO (t)	PATING FOR CONTROL MEASUREMENT NO			BASE RATING	NORMAL OPERATIONS	DURING DISP OF MAIN CP	AFTER DEST OF MAIN CP
	(t)	(t-1)	(t-2)				
1	-	-	-	-			
2	-	-	-	-			
3	-	-	-	-			
4	-	-	-	-			
5	-	-	-	-			
6	-	-	-	-			
7	-	-	-	-			
8	-	-	-	-			
9	-	-	-	-			
10	-	-	-	-			
11	-	-	-	-			
12	-	-	-	-			
13	82	93	93	93	93		
14	96	90	90	96	96		
15	94	94	88	94	94		
16	92	92	92	92	92		
17	79	87	80	87	87		
18	72	75	76	76		76	
19	85	82	85	85		85	
20	63	84	85	85	85		
21	100	85	86	100	100		
22	85	87	78	87	87		
23	85	85	87	87	87		
24	85	85	85	85	85		85
25	85	85	85	85	85		85
26	85	83	83	85	85		85
27	85	85	83	85	85		85
28	83	83	83	83	83		83
MEAN	84.75	85.93	84.94	87.75	90.60	80.50	84.5
TOTAL	1356	1375	1359	1404	906	161	338
N	16	16	16	16	10	2	4

Figure 1-9. Accuracy ratings of enemy situation map - alternate maximum G2 element (sample).

Type unit	Width ^a (km)	Depth ^a (km)		Width (km)	Depth (km)
Mechanized bn	5-7.5	4	≈	6.25	4.0
Mechanized regt	10-15	8-10	≈	12.5	9.0
Tank bn	2-3	2-4	≈	2.5	3.0
Tank regt	4-6	4-8	≈	5.0	6.0

^aFM 30-102, Handbook on Aggressor Military Forces, (tank regt deployment based on tank bn).

Figure 1-10. Deployment of enemy units in the defense.

1 mech regt	12.5	$\times 1 = 12.5$	9	$\times 1 = 9$
3 mech bn	6.25	$\times 3 = 18.75$	4	$\times 3 = 12$
1 tank bn	2.5	$\times 1 = 2.5$	3	$\times 1 = 3$
1 tank regt	5	$\times 1 = 5$	6	$\times 1 = 6$
3 tank bn	2.5	$\times 3 = 7.5$	3	$\times 3 = 9$
	9	46.25	9	39
	$\bar{W} = 5.13 \text{ km}$		$\bar{D} = 4.33 \text{ km}$	

Figure 1-11. Mean deployment width and depth calculations.

1-5. Element/Section Data Description.

a. Sections II through XIV, excluding section XII, of chapter 2 contain data compiled from a variety of questionnaire sources. Each section contains data spreadsheets which are consolidated listings of responses from the player daily I and 2, player end-of-test, category I and II evaluator dailies, and category I and II evaluator report questionnaires. The responses to each question are separated into player responses and evaluator responses. A sample of this type spreadsheet is in figure 1-12. Within the major grouping of player responses, each element level response is recorded to facilitate the element analysis. Similarly, within the evaluator section, the category I and II evaluator responses are shown separately. The "wt pct" column is a weighted percentage developed by averaging the fractional portion of the daily responses with the fractional portion of the end-of-test responses. This average was then converted to a percent type number to permit comparison with the player "pct" number.

Ques no	Possible response	Player responses						Evaluator responses									
		Division GI		Admin		Div PM		HQ Comdt		Division GI		Admin		Div PM		HQ Comdt	
		PEQ	Pct	PEQ	Pct	PEQ	Pct	PEQ	Pct	ID IR Wt	pct	ID IR Wt	pct	ID IR Wt	pct	ID IR Wt	pct
7	Yes	1	100	3	100	2	67	1	100	1	100	1	100	1	100	1	100
	No					1	33										
	More			3	100	3	100			1	100	1	100	1	100		
	Less	1	100					1	100							1	100
8	Did not read OFM																
	Same																
9	Not required																
	Yes	1	100	2	67	3	100	1	100	1	100	1	100	1	100	1	100
10	No			1	33												
	Yes	1	100	2	67	3	100	1	100	1	100	1	100	1	100	1	100
11	No			1	33												
	Yes	1	100	3	100	3	100	1	100	1	100	1	100	1	100	1	100
	No					3	100									1	100

Figure 1-12. GI responses to questions under topic 3 - functions and procedures (sample).

b. A listing of functions and procedures for each element of the fielded units was extracted from the organization and functions manual provided in the test support package for test II9. Additional organization and functions manuals were produced by MASSTER personnel for DISCOM and division artillery. The resultant listing of functions and procedures were placed in the player daily questionnaires. The division personnel responded to the questions by indicating the amount of time spent each day on the specified (listed) procedure. The resultant data was used to calculate a functions work time for each element fielded. For example, F01 is designated a function, P01 is designated a procedure, and P01A is designated a subprocedure of procedure 1. If P01 = time 1, P02 = time 2, P03A = time 3, P03B = time 4; then, P03 = time 3 + time 4; and F01 = time 1 + time 2 + (time 3 + time 4), or, F01 = P01 + P02 + P03. An example of this type data is presented in figure 1-13. To compensate for the functions normally performed by members of all staff organizations but not listed in the OFM's, additional functions were included coded as F77 and F88. F77 pertains to clerical duties, RATELO duties, and driving duties. F88 pertains to briefings. A sample of this type data is found in figure 1-14.

c. The work summary presents a time utilization breakout for each element. The total shift time for each element was broken into four distinct categories as shown in figure 1-15. Work summary data is presented in these categories for officers, E5 and above, E4 and below, and a total for each element. In addition, a percentage of the total shift time reported is listed for each distinct category. An example of the work summary data is in figure 1-16.

d. A listing of files was taken from the organization and functions manuals in the same manner as were functions and procedures. Time data was collected for file usage and file maintenance. A sample of the data in chapter 2 is located in figure 1-17.

e. Category III evaluators were utilized to provide additional file data from the fielded elements. The evaluators were used to identify who posted the display (map or chart) and who used the display. A frequency of posting and usage is also presented as a means to identify the primary personnel involved with the various displays.

f. The listing of reports was taken from annex Z of the division SOP and placed in the PDQ-1 questionnaire. An example of resultant reports data is in figure 1-18.

g. The physical relationships topic in the element/section data presentation contains sketches of the various command posts and the interiors of designated vehicles/tents within the CP. Map and chart

Func and pro number	Functions and procedures	Time exp (hours)		Sample size (number)		Percentage of total time	
		Func	Subfunc	Func	Subfunc	Func	Subfunc
		Div Plans and Admin					
FOI	Participates in operations planning by providing tactical intelligence and information for future operations.	14.48		7		35.15	
FOIP01	Produces the Intelligence annex to the Division Operation Plan and/or Order.		5.16		1		12.52
FOIP02	Requests, receives, and distributes special maps and topographical studies needed by the division.		0.66		1		1.60
FOIP03	Requests, receives, and distributes special studies required for operational planning.		0.16		0		0.39

Figure 1-13. G2 functions and procedures (listed) (sample).

Func and pro number	Functions and procedures	Time exp (hours)		Sample size (number)		Percentage of total time	
		Func	Subfunc	Func	Subfunc	Func	Subfunc
Div Plans and Admin (cont)							
F77P01	Performs clerical services such as typing and filing.		6.00		2		14.56
F77P02	Performs operations activ- ities such as posting maps and charts and preparing overlays.		9.50		5		23.06
F77P03	Performs communication- related functions such as radiotelephone operator, laying wire, etc.		7.25		1		17.60
F77P04	Performs driver functions to include vehicle maintenance (except during displacement).						
F88	Briefings.	3.97		6		9.64	
F88P01	Prepares briefings		3.41		3		8.28
F88P02	Presents briefings. TOTAL	41.20	0.56		3		1.36

Figure 1-14. G2 functions and procedures (listed) (sample).

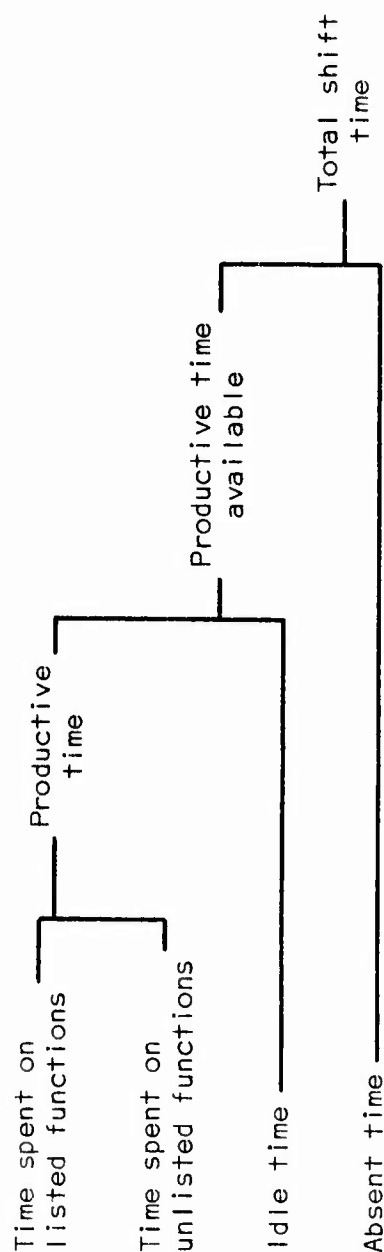


Figure 1-15. Categories of time utilization.

ELEMENT GIV. PM	PRODUCTIVE TIME AVAILABLE													
	PRODUCTIVE TIME					IDLE TIME							ABSENT TIME	
	LISTED FUNCTIONS		UNLISTED FUNCTIONS											
	Subtotal	Mean	%	Subtotal	Mean	%	Subtotal	Mean	%	Subtotal	Mean	%	Subtotal	Mean
235/0	61.00	15.25	72.61	19.00	4.75	22.61	2.00	0.50	2.38	2.00	0.50	2.38	84.00	21.00
235/Active	75.00	18.75	89.46	5.83	1.45	6.95	1.00	0.25	1.19	2.00	0.50	2.38	83.83	20.95
235/Station	75.00	18.75	89.46	15.49	2.58	12.90	0.00	0.00	0.00	28.50	4.75	23.75	119.99	19.99
Element Total	212.00	5.14	73.55	40.32	2.83	14.00	3.00	0.21	1.04	32.50	2.32	11.29	287.82	20.55
													252.32	18.02

Figure 1-16. GI element time utilization, PM (sample).

File seq no	Name of file	Total usage time (hours)	Number of times used	Maint time (hours)
Admin				
1101	Staff Sec Workbook	38.75	321	10.75
1102	Staff Journal			
1103	Suspense File			
1104	Division SOP			
1105	Personnel Daily	19.25	33	17.25
	Summary Report			
1106	Unit Strength Chart			
1107	Accident Report			
1108	Serious Incident Report	6.00	11	5.00
1109	Policy File			
1110	Spot Strength Report			
1111	Straggler Report			
1112	Internee Strength Report	1.50	3	1.50
1113	PW Status Chart			
1114	Discipline, Law, and Order Report			
1115	Awards and Decorations Chart			
1116	Disciplinary Action Chart	0.25	1	0.75
1117	Incidents Chart			
1118	Periodic Personnel Report			
	TOTAL			
		67.00		36.25
PM				
1201	Staff Journal	12.00	74	6.00
1202	PW Status Chart	2.16	18	1.75
1203	Situation Map	9.50	49	3.50
1204	Police Intelligence Overlay	3.00	30	2.00
1205	Route Status/Circulation Control (Overlay)	9.00	80	6.00
1206	Vehicle-Radio Status Chart	1.50	12	1.50
1207	Division SOP	1.00	7	-
1208	Civilian Internee Status Chart			
1209	Platoon Commitment Chart			
	TOTAL	38.16		20.75
Div HQ Comdt				
1401	Division SOP File			
1402	Policy File			
	TOTAL			

Figure 1-17. GI file data, source - player (sample).

sequence numbers used on the vehicle/tent interior sketches are identified in the "files" topic of the element/section analysis. An example of a CP sketch and legend are located in figures 1-19 and 1-20.

h. The functional relationship question required the individuals completing the player end-of-test questionnaire (PEQ) to place an 'F', 'S', or leave blank, in each cell of the question matrix. An 'F' was defined as "frequently" (5 or more occurrences); an 'S' as "seldom" (1 to 4 occurrences), and a blank as "never" (0 occurrences) for the events defined by the location of each cell. The PEQ question matrix is shown in figure 1-21. The number of 'F's' were totaled on a consolidated matrix which was then key punched and entered into an IBM 370-145 computer. In order to quantify and aggregate these functional relationships, a numerical value of 6 was then assigned to each of the 'S's' and a value of 3 to each of the 'F's'. An example of the numerical conversion follows: If a cell of the consolidated matrix contained two 'F's' and one 'S', the numerical conversion would be 15 using the formula $(6 \times \#F's) + (3 \times \#S's)$; thus, $(6 \times 2) + (3 \times 1) = (12) + (3) = 15$. Ten selected rows of the PEQ matrix were then combined to four rows thereby grouping closely related functions for each fielded element. The combined rows were A, D, E (provides orders, direction, and guidance to); B, C, F (receives orders, direction and guidance from); G, I (provides information and recommendations to); and H, J (receives information and recommendations from). Appropriate columns of the PEQ matrix were combined to facilitate the presentation of element relationships with other elements consistent with the fielded division organizational structure. The command group is a consolidation of the matrix columns for the CG, ADC(S), ADC(M), and CofS. For brigade, battalion, division artillery, and DISCOM, the command group column is a consolidation of the matrix columns for the commander and the XO. This final form of the matrix was then used for presentation of the data. Under each type interaction between elements, a section total was obtained and this total was used to determine a percentage to represent each elements' share for each type interaction. The data as presented further defines the interaction which took place between the element and the personnel listed. An example of this data is presented in figure 1-22.

1-6. Communications.

a. Section XII, chapter 2, contains communications type data. The percent utilization of each FM and AM voice radio net established for the test was obtained by USASA support personnel. Each FM and AM voice radio net was monitored with a tape recorder. The reduced data is presented in tabular format and then graphically displayed as a distribution of percent utilization versus time in increments of one hour throughout the test. A sample of this type data is shown in figures 1-23 and 1-24.

Report seq no	Name of report	Preparation time (hours)	No of times fwd	Sample size (no)
1102	Personnel Daily Summary Report	Admin		
		20.50	6	8
		0.25	1	1
		0.41	3	2
		0.75	1	2
		2.00	4	4
1106	internee Strength Report TOTAL	23.91		
1103	Spot Strength Report TOTAL	PM		
		1.00	5	1
		1.00		

Figure I-18. GI reports data (sample).

TRUCK CARGO

(5 TON = M54A2)

(2 1/2 TON = M35A1)

(1 1/4 TON = M715)

(GAMMA GOAT = M561)



TRAILER CARGO

(3/4 TON = M107A1)



TRUCK UTILITY

(1/4 TON = M151A1)



TENT

(S = SMALL)

(M = MEDIUM)



SIGNAL VAN



GENERATOR

#USED TO DESIGNATE

KW RATING



VAN

(5 TON = M292)

(2 1/2 TON = M109)



TRACK

(M577)

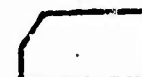


Figure 1-19. Legend for command post sketches.

1-18

(DUP 1-5 EACH CARD, 1 CARD PER LINE)

119-PEQ-1

Position No.

34. The purpose of the matrix below is to highlight the functional relationships between you and the division command group, other members of the staff or other levels of command. Place an F or S in the appropriate block to indicate how often you were involved in one of the listed activities. (F = frequently - 5 or more times; S = seldom - 1-4 times; leave blank if "never" is appropriate.) For definitions of "orders", "guidance", and "direction", see page 18.

During the test I have:	CG	ADC(M)	ADC(S)	CofS	G1	G2	G3	G4	G5	C-E OFF	FSE	PM	AG	EMCO	BICC OIC	ADE	ALO	CML OFF	DIV SURG	AVN OFF	ADA OFF	DTO	HQ CMDT	(ADP Only)
A PERSONALLY GIVEN ORDERS TO																								802
B PERSONALLY RECEIVED ORDERS FROM																								805
C PROVIDED DIRECTION TO																								808
D RECEIVED DIRECTION FROM																								811
E PROVIDED GUIDANCE TO																								814
F RECEIVED GUIDANCE FROM																								817
G PROVIDED RECOMMENDATIONS FROM																								820
H PROVIDED RECOMMENDATIONS TO																								823
I RECEIVED INFORMATION FROM																								826
J PROVIDED INFORMATION TO																								829
K ESTABLISHED PERSONAL CONTACT WITH																								832
L HAD OUTPUTS REVIEWED BY																								835
M HAD OUTPUTS APPROVED BY																								838
N REVIEWED THE OUTPUTS OF																								841
P APPROVED THE OUTPUTS OF																								844

Figure 1-21. Functional relationship question - PEQ.

34. (Continued)

(DUP 1-5 EACH CARD, 1 CARD PER LINE)

Position No.

During the test I have:		(7)	(9)	(11)	(13)	(15)	(17)	(19)	(21)	(23)	(25)	(27)	(29)	(31)	(ADP Only)
A	PERSONALLY GIVEN ORDERS TO														803
B	PERSONALLY RECEIVED ORDERS FROM														806
C	PROVIDED DIRECTION TO														809
D	RECEIVED DIRECTION FROM														812
E	PROVIDED GUIDANCE TO														815
F	RECEIVED GUIDANCE FROM														818
G	RECEIVED RECOMMENDATIONS FROM														821
H	PROVIDED RECOMMENDATIONS TO														824
I	RECEIVED INFORMATION FROM														827
J	PROVIDED INFORMATION TO														830
K	ESTABLISHED PERSONAL CONTACT WITH														833
L	HAD OUTPUTS REVIEWED BY														836
M	HAD OUTPUTS APPROVED BY														839
N	REVIEWED THE OUTPUTS OF														842
P	APPROVED THE OUTPUTS OF														845

Figure 1-21 (cont). Functional relationship question - PEQ. (78-80)

Position No. 6

34. (continued)

(DUP 1-5 EACH CARD, 1 CARD PER LINE)

1-0-0-1-0-0-1

During the test I have	(ADP Only)					
	S4, BN	S&T BN CDR	S&S CO CDR	TMT CO CDR	MAINT BN CDR	FWD SPT CO CDR
A PERSONALLY GIVEN ORDERS TO						
B PERSONALLY RECEIVED ORDERS FROM						
C PROVIDED DIRECTION TO						
D RECEIVED DIRECTION FROM						
E PROVIDED GUIDANCE TO						
F RECEIVED GUIDANCE FROM						
G RECEIVED RECOMMENDATIONS FROM						
H PROVIDED RECOMMENDATIONS TO						
I RECEIVED INFORMATION FROM						
J PROVIDED INFORMATION TO						
K ESTABLISHED PERSONAL CONTACT WITH						
L HAD OUTPUTS REVIEWED BY						
M HAD OUTPUTS APPROVED BY						
N REVIEWED THE OUTPUTS OF						
P APPROVED THE OUTPUTS OF						
(5)	(7)	(9)	(11)	(14)	(78-80)	

DEFINITIONS

Order: An order may be oral or written and states the mission and concept for execution and is normally issued from commander to subordinate commander. Formal examples are written OPORD, FRAGO, admin/log order, and warning order; informal examples are the everyday oral versions of the same items.

Direction: Instructions which lay out in detail the tasks to be accomplished. Direction is very structured and is not as flexible as guidance. Direction also implies supervision.

Guidance: Guidance provides broad and general guidelines for accomplishing tasks or missions. Guidance is not as strict as direction and allows the subordinate latitude to select the means within the guidelines to accomplish the task or mission.

Figure 1-21 (cont). Functional relationship question - PEQ.

Action taken	G4		Elements			
			Admin		Trans	
	No	Pct	No	Pct	No	Pct
Orders, direction, and guidance provided to						
Comd Gp ^b					3	1.1
G1			3	1.1		
AG			3	1.1		
G2			3	1.1		
G3			3	1.1		
Avn Off			3	1.1		
G4			3	1.1	6	2.2
DTO	18	6.6	15	5.5		
G5			6	2.2		
DISCOM Comd Gp ^a	6	2.2	18	6.6		
DISCOM S3	3	1.1	15	5.5		
DISCOM S4	6	2.2	27	9.9		
DISCOM DAO	12	4.4	3	1.1		
Div Mat Mgt Off	12	4.4	3	1.1		
Div Arty S4	6	2.2	12	4.4		
Bde S4	6	2.2	27	9.9		
Bn S4			15	5.5		
S&T Bn Comd			12	4.4		
S&S Co Comd			6	2.2		
Maint Bn Comd			18	6.6		
TOTAL	69	25.3	195	71.5	9	3.3
Orders, direction, and guidance received from						
Comd Gp ^b	54	23.7	9	3.9		
G3	6	2.6	15	6.6	12	5.3
G4			33	14.5	15	6.6
DTO					18	7.9
DISCOM Comd Gp ^a			18	7.9		
^a Comd and XO ^b CG, ADC(M), ADC(S), CofS						

Figure I-22. G4 functional relationships (sample).

b. The percent utilization data of each teletypewriter circuit and each radio teletype (RATT) net is graphically displayed in hourly increments. Conditions of displacement, destruction, or system outages are indicated where applicable. A sample of this data is located in figures 1-25 and 1-26.

c. Utilization data was recorded on the G2 (BICC) sole-user telephone circuit. The data lists the total number of calls and the percent utilization of each circuit hourly. The number of calls and percent utilization data is further categorized each hour by content, e.g., operational, intelligence, administrative, logistics, and other type traffic. A sample of this type data is in figure 1-27.

TIME: From 121800 To 121859
(Collection began 1800 hours, Day One, 12 Nov 73)

Factor FM/AM Nets	Total # XMs/Calls Per Hr	Percent Util Per Hr	Number of Calls/Percent Utilization Per Hour Categorized by Content:				
			OPS	INTEL	ADMIN	LOG	OTHER
<u>FM NETS</u>	XXX	XXX	XXX	XXX	XXX	XXX	XXX
CG Cmd Net	18	40.0	6/11.6	4/13.3	0	1/1.6	7/15.0
Div Intel Net	18	60.0	8/38.3	0	0	0	10/21.6
Bde Cmd Net	13	38.3	3/8.6	2/10.0	0	0	8/20.0
Bde Intel Net	10	51.6	4/20.0	2/5.0	0	0	4/26.6
Bde A/L Net	6	25.0	0	0	0	0	6/25.0
DivArty Cmd Net	0	0	0	0	0	0	0
DivArty A/I Net	0	0	0	0	0	0	0
ADA Bn Cmd Net	3	33.3	0	1/5.0	1/6.6	0	1/21.6
Bn Cmd Net	10	23.3	5/15.0	0	2/3.3	0	3/5.0
Bn A/L Net	0	0	0	0	0	0	0
Div ATC Net	0	0	0	0	0	0	0
<u>AM NETS</u>							
Div TOC Net	NET AND EQUIPMENT AVAILABLE, PLAYERS DID NOT USE.						
ADA Bn ADL Net	NET OPERATIONAL BUT NOT USED DURING TEST.						

Figure I-23. Percent utilization, FM/AM (voice) nets (sample)

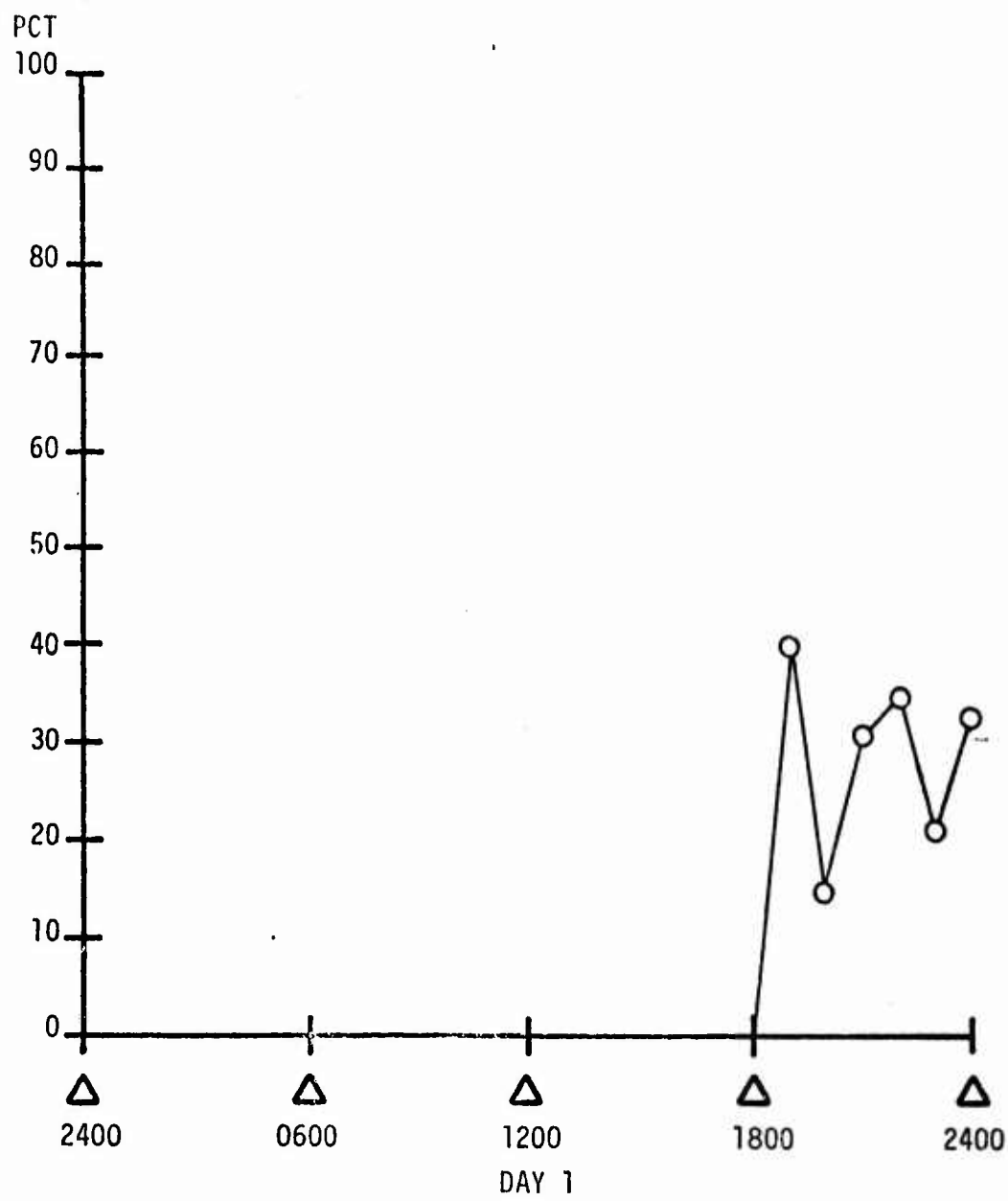
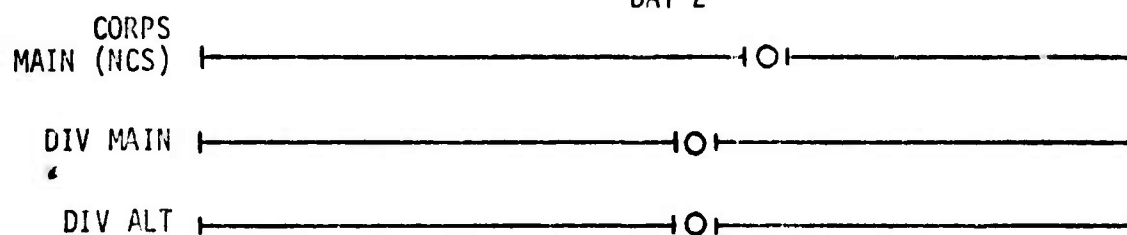
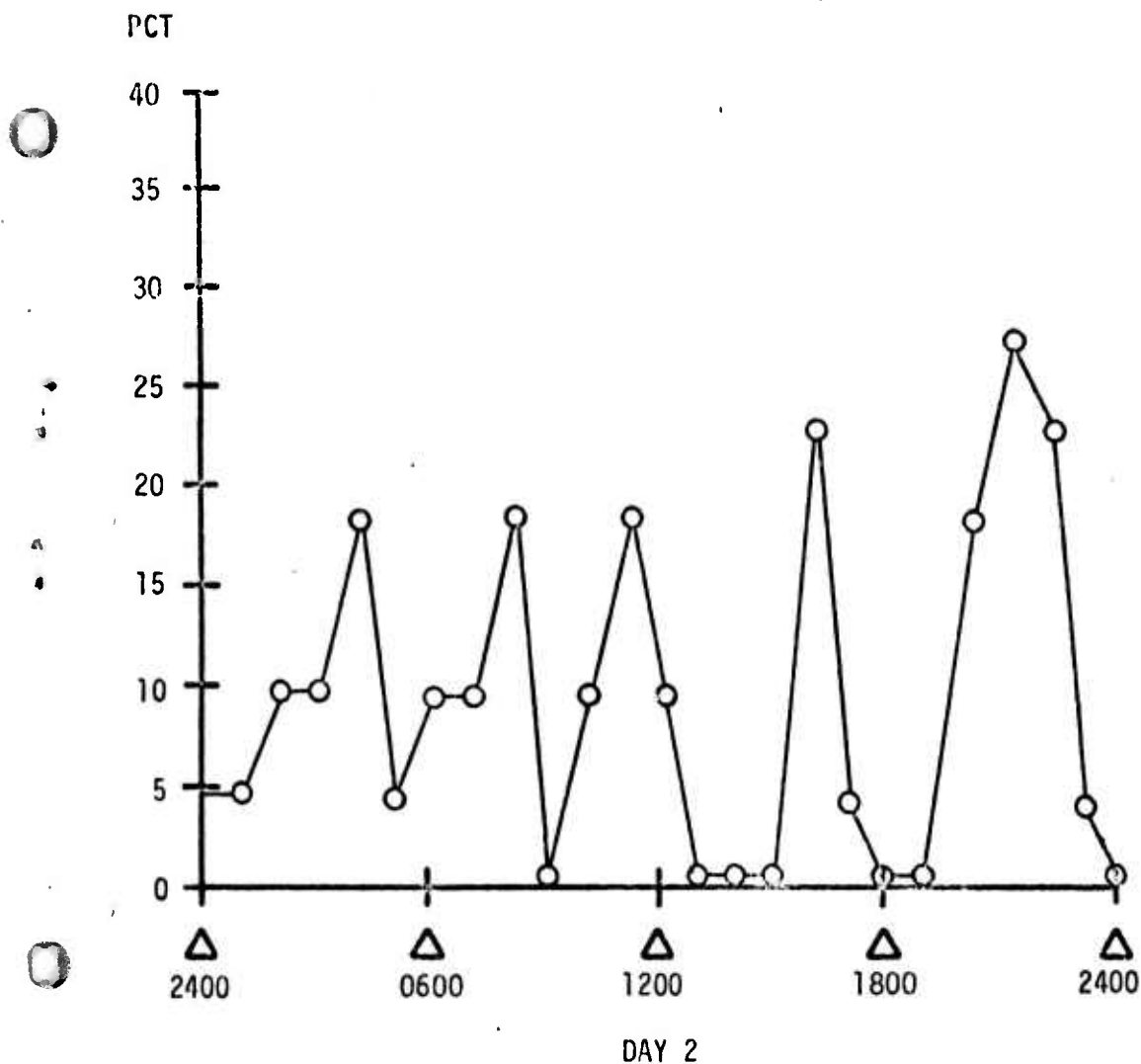


Figure I-24. Utilization of Div CG comd net (FM) (sample).



O = OUTAGE, D = DISPLACEMENT, J = JAMMING (EW)

Figure 1-26. Utilization of corps comd net (AM-RATT) (sample).

TIME: From 121800 To 121900
 (Collection began at 1800 hours, Day One, 12 Nov 73)

Factor G2 Sole-User Circuits	Total # Calls Per Hr	% Util Per Hr	Number of Calls/Percent Utilization Per Hour Categorized by Content:				
			OPS	INTEL	ADMIN	LOG	OTHER
<u>DIVISION MAIN</u>	XXX	XXX	XXX	XXX	XXX	XXX	XXX
Main - Control	3	8.3		1/3.3	2/5.0		
Main - Alt							
Main - 1st Bde (Player)							
Main - 2d Bde	1	8.3				1/8.3	
Main - 3d Bde							
Main - Div Arty							
Main - ACS							
<u>DIVISION ALT</u>	XXX	XXX	XXX	XXX	XXX	XXX	XXX
Alt - Control	NO ACTIVITY WAS RECORDED ON THESE ALTERNATE CP CIRCUITS						
Alt - 1st Bde (Player)							
Alt - 2d Bde							
Alt - 3d Bde							
Alt - Div Arty							
Alt - ACS							

Figure 1-27. Percent utilization, G2 (BICC) sole-user telephone circuits (sample).

SECTION I - DIVISION LEVEL DATA

AS OF 13 FEB 74

POS NUMBER	LOCATION	DTG	SOC NAME	MEAN RATING
01A01	DISCOM	15 12 30	S3 PORT OF OPLAN/OPORD	1.00
S2A12		14 03 10	INT SUM	1.00
S2A12		13 24 00	PERS DLY SUM	1.00
S2A11		12 24 00	PERS DLY SUM	1.00
S2A21		13 00 15	INT SUM	1.57
S2A31		13 11 06	S3 PORT OF OPLAN/OPORD	1.00
S2A31		12 22 00	S3 PORT OF OPLAN/OPORD	1.12
S2A32		13 11 00	S3 PORT OF OPLAN/OPORD	1.15
S2A32		14 03 15	S3 PORT OF OPLAN/OPORD	1.00
01B01	BRIGADE	16 00 15	OPS SITREP	1.78
01B01		14 00 02	OPS SITREP	1.44
01B01		13 00 01	OPS SITREP	1.71
01B01		14 03 30	INT SUM	1.36
01B01		12 24 00	INT SUM	4.09
01B01		12 24 00	PERS DLY SUM	1.00
01B01		14 03 00	PERS DLY SUM	1.00
B2B12		14 24 00	PERS DLY SUM	1.00
B2B22		15 01 30	S2 PORT OF OPLAN/OPORD	1.56
B2B22		15 02 00	INT SUM	2.09
B2B32		14 19 30	FS ANN	1.72
B2B31		13 04 00	S3 PORT OF OPLAN/OPORD	4.14

Figure 2-1. Major staff output ratings, summary.

POS NUMBER	LOCATION	DTG	SOC NAME	MEAN RATING
B2B32		14 22 00	S3 PORT OF OPLAN/OPORD	2.40
B2B32		15 01 50	OPS SITREP	1.58
F1P01	BATTALION	14 10 00	FS ANNEX	3.00
F1P01		12 23 00	S3 PORT OF OPLAN/OPORD	2.35
F1P01		14 00 01	S3 PORT OF OPLAN/OPORD	1.46
F1P01		15 06 00	S3 PORT OF OPLAN/OPORD	1.52
01101	DIV G1	14 11 00	INTERNEES STR	1.57
01101		13 09 30	INTERNEES STR	1.00
01101		15 10 00	INTERNEES STR	1.00
01101		13 08 45	PERS DLY SUM	1.00
01101		14 08 30	PERS DLY SUM	1.00
01101		15 07 30	PERS DLY SUM	1.00
01201	DIV G2	14 12 00	E W ANNEX	1.00
01201		14 12 00	G2 PORT OF OPLAN/OPORD	1.57
01201		12 24 00	INT SUM	1.06
01201		13 24 00	INT SUM	1.06
01201		14 24 00	INT SUM	1.06
01201		15 24 00	INT SUM	1.09
M1302		14 17 00	FS ANNEX	1.63
M1302		13 01 30	FS ANNEX	1.42
M1302		14 23 00	G3 PORT OF OPLAN/OPORD	1.57
M1302		13 01 30	G3 PORT OF OPLAN/OPORD	1.19
M1302		13 22 40	G3 PORT OF OPLAN/OPORD	2.14
M1302		14 17 00	G3 PORT OF OPLAN/OPORD	1.19
M1302		13 04 00	OPS SITREP	1.22
M1302		14 03 30	OPS SITREP	1.22

Figure 2-1 (cont). Major staff output ratings, summary.

POS NUMBER	LOCATION	DTG	SOC NAME	MEAN RATING
M1302		15 03 00	OPS SITREP	2.55
01401	Div G4	12 19 00	DIV CRIT ITEMS RPT	1.00
01401		15 05 25	DIV CRIT ITEMS RPT	1.00
01901	DIV ARTY	15 04 00	INT SUM	1.08
01901		16 00 36	INT SUM	1.55
01901		13 02 00	INT SUM	1.41
01901		15 05 30	PERS DLY SUM	1.00
01901		13 00 00	PERS DLY SUM	1.00

Figure 2-1 (cont). Major staff output ratings, summary.

TYPE INFORMATION	RTG 1	RTG 2	RTG 3	RTG 4	RTG 5	RTG MEAN
Unit	3					1.00
Authorized Strength	3					1.00
Assigned Strength	3					1.00
Present for Duty	3					1.00
KIA	3					1.00
WIA	3					1.00
MIA	3					1.00
Non Battle	3					1.00
TOTAL	3					1.00
Gains	3					1.00
TOTAL	30					1.00

Figure 2-2. Frequency distribution of ratings for the personnel daily summary, main CP.

TYPE INFORMATION	RTG 1	RTG 2	RTG 3	RTG 4	RTG 5	RTG MEAN
Issuing unit	4					1.00
Time and date of issue	4					1.00
Enemy ground activity	4					1.00
Trace of enemy fwd elements	4					1.00
Potential targets for nuclear weapons						
Nuclear activity						1.00
CBR activity	2					1.00
Air activity	4					
Other activity (new tactics, counterintelligence, etc)	4					1.00
Personnel (KIA)	4					1.00
Prisoners of war	4					
Equipment destroyed or captured	4					1.00
New obstacles & barriers	3					1.00
Administrative activities	1					1.00
New unit identifications	3					1.00
New personalities						

Figure 2-3. Frequency distribution of ratings for the intelligence summary, main CP.

TYPE INFORMATION	RTG 1	RTG 2	RTG 3	RTG 4	RTG 5	RTG MEAN
Enemy movements	2					1.00
Est of # and type vehicles						
Weather & terrain conditions	2					1.00
Enemy capabilities and vulnerabilities		4				2.00
Conclusions	4					1.00
TOTAL	53	4				1.07

45

Figure 2-3 (cont). Frequency distribution of ratings for the
- intelligence summary, main CP.

TYPE INFORMATION	RTG 1	RTG 2	RTG 3	RTG 4	RTG 5	RTG MEAN
Sex	3					1.00
Category of entries (field grade officers, NCO's, other EM, agents, escapees and evaders, deserters, civilians).	2					1.00
Nationality or political group	1				1	3.00
On hand beginning of reporting period.	2					1.00
Gains	3					1.00
Losses	3					1.00
Today's strength	3					1.00
TOTAL	17				1	1.22

Figure 2-4. Frequency distribution of ratings for the
internee strength report, main CP.

TYPE INFORMATION	RTG 1	RTG 2	RTG 3	RTG 4	RTG 5	RTG MEAN
Index number	2					1.00
Number authorized	2					1.00
Number on hand	2					1.00
Operational	2					1.00
Combat losses	2					1.00
Inoperable organizations	2					1.00
Inoperable support units	2					1.00
# received (in reporting period)	2					1.00
# short	2					1.00
TOTAL	18					1.00

Figure 2-5. Frequency distribution of ratings for the
division critical items report, main CP.

TYPE INFORMATION	RTG 1	RTG 2	RTG 3	RTG 4	RTG 5	RTG MEAN
Issuing Unit	3					1.00
Message reference number	2					2.33
SITREP number	3					1.00
Period covered	3					1.00
Map reference					3	5.00
Enemy units in contact	3					1.00
Enemy reserves affecting local situation	3					1.00
Enemy activity	3					1.00
Estimate of enemy strength, materiel means, morale, knowledge of our situation	3					1.00
Courses of action open to enemy	3					1.00
Location of forward elements	3					1.00
Location of units, HQ, and boundaries	3					1.00
Location adjacent units and supporting troops	2				1	2.33
Results of operations during period	3					1.00

Figure 2-6. Frequency distribution of ratings for the operations situation report, main CP.

TYPE INFORMATION	RTG 1	RTG 2	RTG 3	RTG 3	RTG 5	RTG MEAN
Noneffective units	2				1	2.33
Admin factors directly affecting tactical situation	2				1	2.33
General: Info not covered elsewhere	2				1	2.33
Cdr's eval: to be com- pleted when directed by higher HQ	2				1	2.33
TOTAL	45				9	1.66

Figure 2-6 (cont). Frequency distribution of ratings for the operations situation report, main CP.

TYPE INFORMATION	RTG 1	RTG 2	RTG 3	RTG 4	RTG 5	RTG MEAN
Time and date of enemy situation depicted						
Enemy force composition						
Enemy disposition						
Enemy locations						
Enemy movement						
Enemy strength						
Enemy identifications						
Enemy capabilities						
Weather and terrain						
EEI		1				2.00
Intel acquisition tasks for all asgd & atchd units		1				2.00
Intel requests to higher, adjacent & cooperating units		1				2.00
Measures for handling captured materiel	1					1.00
Measures for handling personnel and documents	1					1.00
Documents and/or equip- ment required		1				2.00

Figure 2-7. Frequency distribution of ratings for the
G2 portion of CPLAN/OPORD, main CP.

TYPE INFORMATION	RTG 1	RTG 2	RTG 3	RTG 4	RTG 5	RTG MEAN
Counterintelligence	1					1.00
TOTAL	3	4				1.57

Figure 2-7 (cont). Frequency distribution of ratings for the
G2 portion of OPLAN/OPORD, Main CP.

TYPE INFORMATION	RTG 1	RTG 2	RTG 3	RTG 4	RTG 5	RTG MEAN
Issuing unit	4					1.00
Place of issue	4					1.00
DTG of signature	3				1	2.00
Message reference number	3					2.00
Type and aerial number	4				1	1.00
Map reference	3				1	2.00
Time zone	3					2.00
Task Organization	4					1.00
Friendly situation, higher and adjacent units	4					1.00
Units attached to or detached from issuing HQ and DTG effective	3				1	2.00
Mission, (who, what, when, why, where).	4					1.00
Concept of operations (Maneuver and fire).	4					1.00
Tactical mission assignments to all maneuver units not in reserve	4					1.00

Figure 2-8. Frequency distribution of ratings for the G3 portion of OPLAN/OPORD, main CP.

TYPE INFORMATION	RTG 1	RTG 2	RTG 3	RTG 4	RTG 5	RTG 6
Tactical mission assignments to all other combat elements.	4					1.00
Artillery organization for combat	4					1.00
Other elements providing fire support	4					1.00
Div Troops	3				1	2.00
Reserve elements	3				1	2.00
Nuclear weapon allocation					4	5.00
Coordinating instructions	4					1.00
Command and signal instructions	4					1.00
TOTAL	73				11	1.52

Figure 2-8 (cont). Frequency distribution of ratings for the
.G3 portion of OPLAND/OPORD, main CP.

TYPE INFORMATION	RTG 1	RTG 2	RTG 3	RTG 4	RTG 5	RTG MEAN
OPORD reference	1					1.00
Map reference						
Time zone	1					1.00
Ref to intel document	1					1.00
Friendly forces						
Attachments & Detachments						
Mission	1					1.00
ECM concept	1					1.00
ESM concept						
ECCM concept	1					1.00
Unit support/mission asgmts	1					1.00
Coordinating instructions	1					1.00
Service support						
Signal instructions						
Command instructions						
TOTAL		8				1.00

Figure 2-9. Frequency distribution of ratings for the
Electronic warfare annex, main CP.

TYPE INFORMATION	RTG 1	RTG 2	RTG 3	RTG 4	RTG 5	RTG MEAN
OPORD reference	2					1.00
Map reference	2					1.00
Time zone	2					1.00
Ref to intel document	2					1.00
Enemy fire spt capability	2					1.00
Mission next higher HQ	2					1.00
Mission supporting TAC air	2					1.00
Non-divisional arty support	1				1	3.00
Naval gunfire support					2	5.00
Attachments & Detachments					2	5.00
Mission Div Arty & supporting fire elements	2					1.00
Concept of Ops - Fires	2					1.00
Air support	2					1.00
Arty support (Minimum: FA organization for combat and organization)	2					1.00
Nuclear support	2					1.00

Figure 2-10. Frequency distribution of ratings for the
fire support annex, main CP.

TYPE INFORMATION	RTG 1	RTG 2	RTG 3	RTG 4	RTG 5	RTG MEAN
Coordinating instructions	2					1.00
Service support	2					1.00
Signal instructions	2					1.00
Command instructions	2					1.00
TOTAL	33				5	1.52

Figure 2-10 (cont). Frequency distribution of ratings for the fire support annex, main CP.

TYPE INFORMATION	RTG 1	RTG 2	RTG 3	RTG 4	RTG 5	RTG MEAN
Unit	2					1.00
Authorized strength	2					1.00
Assigned strength	2					1.00
Present for duty	2					1.00
KIA	2					1.00
WIA	2					1.00
MIA	2					1.00
Non battle	2					1.00
TOTAL	2					1.00
Gains	2					1.00
TOTAL	20					1.00

Figure 2-11. Frequency distribution of ratings for the Div Arty personnel daily summary.

TYPE INFORMATION	RTG 1	RTG 2	RTG 3	RTG 4	RTG 5	RTG MEAN
Issuing unit	3					1.00
Time and date of issue	2		1			1.66
Enemy ground activity	1	2				1.66
Trace of enemy fwd elements		1				2.00
Potential targets for nuclear weapons	1	1				1.50
Nuclear activity						
CBR activity						
Air activity	1					1.00
Other activity (new tactics, counterintelligence, etc)	2	1				1.33
Personnel (KIA)	2					1.00
Prisoners of war						
Equipment destroyed or captured	2			1		2.00
New obstacles & barriers	2					1.00
Administrative activities						
New unit identifications						

Figure 2-12. Frequency distribution of ratings for the Div Arty intelligence summary.

TYPE INFORMATION	RTG 1	RTG 2	RTG 3	RTG 4	RTG 5	RTG MEAN
Man personalities						
Enemy movements	3					1.00
Est of # and type vehicles						
Weather & terrain conditions	1					1.00
Enemy capabilities and vulnerabilities	2	1				1.33
Conclusions	3					1.00
TOTAL	25	6	1	1		1.33

Figure 2-12 (cont). Frequency distribution of ratings for the Div Arty intelligence summary.

TYPE INFORMATION	RTG 1	RTG 2	RTG 3	RTG 4	RTG 5	RTG MEAN
Unit	2					1.00
Authorized strength	2					1.00
Assigned strength	2					1.00
Present for duty	2					1.00
KIA	2					1.00
WIA	2					1.00
MIA	2					1.00
Non battle	2					1.00
Total	2					1.00
Gains	2					1.00
TOTAL	20					1.00

Figure 2-13. Frequency distribution of ratings for the DISCOM personnel daily summary.

TYPE INFORMATION	RTG 1	RTG 2	RTG 3	RTG 4	RTG 5	RTG MEAN
Issuing unit	2					1.00
Time and date of issue	2					1.00
Enemy ground activity	2					1.00
Trace of enemy fwd elements	1					1.00
Potential targets for nuclear weapons						
Nuclear activity						
CBR activity						
Air activity	1					1.00
Other activity (new tactics, counterintelligence, etc.)	2					1.00
Personnel (KIA)						
Prisoners of war						
Equipment destroyed or captured						
New obstacles & barriers	1					1.00
Administrative activities						
New unit identifications						

Figure 2-14. Frequency distribution of ratings for the DISCOM intelligence summary.

TYPE INFORMATION	RTG 1	RTG 2	RTG 3	RTG 4	RTG 5	RTG MEAN
New personalities						
Enemy movements	1					1.00
Est of # and type vehicles						
Weather & terrain conditions			1			3.00
Enemy capabilities and vulnerabilities		1				2.00
Conclusions		1				2.00
TOTAL	12	2	1			1.26

Figure 2-14 (cont). Frequency distribution of ratings for the DISCOM intelligence summary.

TYPE INFORMATION	RTG 1	RTG 2	RTG 3	RTG 4	RTG 5	RTG MEAN
Issuing unit	5					1.00
Place of issue	4					1.00
DTG of signature	5					1.00
Message reference number	5					1.00
Type and serial number	4					1.25
Map reference	3	1				1.00
Time zone	5					1.00
Task organization	4					1.00
Friendly situation, higher and adjacent units	4					1.00
Units attached to or detached from issuing HQ and DTG effective.	2					1.20
Mission (who, what, when, why, where).	4	1				1.25
Concept of operations (maneuver) and fire).	3	1				1.00
Tactical mission assignments to all maneuver units not in reserve.	1					1.00
Tactical mission assignments to all other combat elements.	1					

TYPE INFORMATION	RTG 1	RTG 2	RTG 3	RTG 4	RTG 5	RTG MEAN
Artillery organization for combat	1					1.00
Other elements providing fire support.	1					1.00
Div troops	1					1.00
Reserve elements	1					1.00
Nuclear weapon allocation						
Coordinating instructions	5					1.00
Command and signal instructions	5					1.00
TOTAL	64	3				1.04

Figure 2-15 (cont). Frequency distribution of ratings for the DISCOM S3 portion of the OPLAND/OPORD.

TYPE INFORMATION	RTG 1	RTG 2	RTG 3	RTG 4	RTG 5	RTG MEAN
Issuing unit	1	2				1.66
Place of issue	1	2				1.66
DTG of signature	3					1.00
Message reference number	3					1.00
Type and serial number	2	1				1.33
Map reference	1	2				1.66
Time zone		2				2.00
Task organization	2	1				1.33
Friendly situation, higher and adjacent units	1		1			2.00
Units attached to or detached from issuing HQ and DTG effective		2				2.00
Mission (who, what, when, why where)	1	2				1.66
Concept of operations (maneuver and fire).	1	1				1.50
Tactical mission assignments to all maneuver units not in reserve	2		1			1.60

Figure 2-16. Frequency distribution of ratings for the battalion S3 portion of the OPLAN/OPORD.

TYPE INFORMATION	RTG 1	RTG 2	RTG 3	RTG 4	RTG 5	RTG MEAN
Tactical mission assignments to all other combat elements.	2			1		2.00
Artillery organization for combat			1			3.00
Other elements providing fire support				2		4.00
Div Troops						
Reserve elements						
Nuclear weapon allocation						2.33
Coordinating instructions		2	1			2.33
Command and signal instructions		2	1			1.80
TOTAL	20	19	5	3		

Figure 2-16 (cont). Frequency distribution of ratings for the battalion S3 portion of the OPLAN/OPORD.

TYPE INFORMATION	RTG 1	RTG 2	RTG 3	RTG 4	RTG 5	RTG MEAN
OPORD reference			1			3.00
Map reference			1			3.00
Time zone			1			3.00
Ref to intel document						
Enemy fire spt capability						
Mission next higher HQ						
Mission supporting TAC air						
Non-divisional arty support						
Naval gunfire support						
Attachments & Detachments						
Mission Div Arty & supporting fire elements						
Concept of Ops - fires						
Air support						
Arty support (Minimum: FA organization for combat and organization						
Nuclear support						

Figure 2-17. Frequency distribution of ratings for the battalion fire support annex.

TYPE INFORMATION	RTG 1	RTG 2	RTG 3	RTG 4	RTG 5	RTG MEAN
Coordinating instructions						
Service support						
Signal instructions						
Command instructions						3.00
TOTAL						

Figure 2-17 (cont). Frequency distribution of ratings for the battalion fire support annex.

TYPE INFORMATION	RTG 1	RTG 2	RTG 3	RTG 4	RTG 5	RTG MEAN
Unit	3					1.00
Authorized strength	3					1.00
Assigned strength	3					1.00
Present for duty	3					1.00
KIA	3					1.00
WIA	3					1.00
MIA	3					1.00
Non battle	3					1.00
Total	3					1.00
Gains	3					1.00
TOTAL	30					1.00

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Figure 2-18. Frequency distribution of ratings for the brigade personnel daily summary report.

TYPE INFORMATION	RTG 1	RTG 2	RTG 3	RTG 4	RTG 5	RTG MEAN
Issuing unit	2				1	2.33
Time and date of issue	3					1.00
Enemy ground activity	1	1	1			2.00
Trace of enemy fwd elements					1	5.00
Potential targets for nuclear weapons					1	5.00
Nuclear activity					1	5.00
CBR activity					1	5.00
Air activity	1	1			1	2.66
Other activity (new tactics, counterintelligence, etc)					1	5.00
Personnel (KIA)	1	1			1	2.66
Prisoners of war		1	1		1	3.33
Equipment destroyed or captured	1	2				1.66
New obstacles & barriers		1			1	3.50
Administrative activities					1	5.00
New unit identifications	1				1	3.00

Figure 2-19. Frequency distribution of ratings for the brigade intelligence summary.

TYPE INFORMATION	RTG 1	RTG 2	RTG 3	RTG 4	RTG 5	RTG MEAN
New personalities					1	5.00
Enemy movements		3				2.00
Est of # and type vehicles			1			3.00
Weather & terrain conditions					1	5.00
Enemy capabilities and vulnerabilities		1	2			2.66
Conclusions	1		2			2.33
TOTAL	11	11	7		14	2.88

Figure 2-19 (cont). Frequency distribution of ratings for the brigade intelligence summary.

TYPE INFORMATION	RTG 1	RTG 2	RTG 3	RTG 4	RTG 5	RTG MEAN
Issuing unit	4					1.00
Message reference number	3				1	2.00
SITREP number			1		3	4.50
Period covered	4					1.00
Map reference	1	3				1.75
Enemy units in contact	4					1.00
Enemy reserves affecting local situation	3		1			1.50
Enemy activity	4					1.00
Estimate of enemy strength, materiel means, morale, knowledge of our situation	3	1				1.25
Courses of action open to enemy	2		2			2.00
Location of forward elements	4					1.00
Location of units, HQ, and boundaries	4					1.00
Location adjacent units and supporting troops	2	1	1			1.75
Results of operations during period.	3		1			1.50

Figure 2-20. Frequency distribution of ratings for the brigade operations situation report.

TYPE INFORMATION	RTG 1	RTG 2	RTG 3	RTG 4	RTG 5	RTG MEAN
Noneffective units	1				2	3.66
Admin factors directly affecting tactical situation	3					1.00
General: Info not covered elsewhere	3					1.00
Cdr's eval: to be completed when directed by higher HQ	1					1.00
TOTAL	49	5	6		6	1.62

Figure 2-20 (cont). Frequency distribution of ratings for the brigade operations situation report.

TYPE INFORMATION	RTG 1	RTG 2	RTG 3	RTG 4	RTG 5	RTG MEAN
Time and date of enemy situation depicted		1				2.00
Enemy force composition		1				2.00
Enemy disposition		1				2.00
Enemy locations		1				2.00
Enemy movement		1				2.00
Enemy strength		1				2.00
Enemy identifications		1				2.00
Enemy capabilities		1				2.00
Weather and terrain		1				2.00
EEI	1					1.00
Intel acquisition tasks for all asgd & atchd units	1					1.00
Intel requests to higher adjacent & cooperating units	1					1.00
Measures for handling captured materiel	1					1.00
Measures for handling personnel and documents	1					1.00

Figure 2-21. Frequency distribution of ratings for the brigade S2 portion of the OPLAN/OPORD.

TYPE INFORMATION	RTG 1	RTG 2	RTG 3	RTG 4	RTG 5	RTG MEAN
Documents and/or equipment required	1					1.00
Counterintelligence	1					1.00
TOTAL	7	9				1.56

Figure 2-21 (cont). Frequency distribution of ratings for the brigade S2 portion of the OPLAN/OPORD.

TYPE INFORMATION	RTG 1	RTG 2	RTG 3	RTG 4	RTG 5	RTG MEAN
Issuing unit	1		1			2.00
Place of issue	1		1			2.00
DTG of signature	1			1		2.50
Message reference number					2	5.00
Type and serial number	1			1		2.50
Map reference				1	1	4.50
Time zone				1	1	4.50
Task organization	1			1		2.50
Friendly situation, higher and adjacent units		1		1		3.00
Units a-tached to or detached from issuing HQ and DTG effective					2	5.00
Mission (who, what, when, why, where)				2		4.00
Concept of operations (maneuver and fire)	1			1		2.50
Tactical mission assignments to all maneuver units not in reserve.	1		1			2.00

Figure 2-22. Frequency distribution of ratings for the brigade S3 portion of the OPLAN/OPORD.

TYPE INFORMATION	RTG 1	RTG 2	RTG 3	RTG 4	RTG 5	RTG MEAN
Tactical mission assignments to all other combat elements	1				1	3.00
Artillery organization for combat					2	5.00
Other elements providing fire support	1				1	3.00
Div troops			1			3.00
Reserve elements	1		1			2.00
Nuclear weapon allocation					2	5.00
Coordinating instructions	1				1	3.00
Command and signal instructions	1				1	3.00
TOTAL	12	1	5	9	14	3.29

Figure 2-22 (cont). Frequency distribution of ratings for the brigade S3 portion of the OPLAN/OPORD.

TYPE INFORMATION	RTG 1	RTG 2	RTG 3	RTG 4	RTG 5	RTG MEAN
OPORD reference	1					1.00
Map reference	1					1.00
Time zone	1					1.00
Ref to intel document	1					1.00
Enemy fire spt capability					1	5.00
Mission next higher HQ		1				2.00
Mission supporting TAC air	1					1.00
Non-divisional arty support	1					1.00
Naval gunfire support						
Attachments & detachments					1	5.00
Mission Div Arty & supporting fire elements	1					1.00
Concept of Ops - fires	1					1.00
Air support	1					1.00
Arty support (Minimum: FA organization for combat and organization)	1					1.00
Nuclear support	1					1.00
Coordinating instructions					1	5.00

Figure 2-23. Frequency distribution of ratings for the brigade fire support annex.

TYPE INFORMATION	RTG 1	RTG 2	RTG 3	RTG 4	RTG 5	RTG MEAN
Service support	1					1.00
Signal instructions	1					1.00
Command instructions	1					1.00
TOTAL	14	1			3	1.72

Figure 2-23 (cont). Frequency distribution of ratings for the brigade fire support annex.

<u>Major staff output</u>	<u>Start time (DTG)</u>	<u>Stop time (DTG)</u>	<u>Elapsed time (hours)</u>	<u>Mean output preparation time(hours)</u>	<u>Request for clarification</u>
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Division G1

Personnel daily summary report	122400	130700	7.00		01
	130600	131005	4.08		
	140500	140830	3.50		
	150130	150720	5.83		
Total			20.41	5.10	01

Internee Strength Report	131105	131115	.17		
	140700	141040	3.67		
	150900	151000	1.00		
Total			4.84	1.61	

Division G2

G2 Portion of OPLAN/OPORD	121800	130730	5.00		
	130730	131430	4.50		
	141000	141500	13.50		
	141930	142400	7.00		
Total			30.00	7.50	

EW Annex	141100	141400	3.00	3.00	
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INTSUM	130200	130350	1.83		
	130415	130440	.42		
	140210	140340	1.50		
	140400	140415	.25		
	141600	141900	3.00		
	150200	150430	2.50		
	150500	150515	.25		
	152400	160200	2.00		

Total			11.75	1.47	
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Figure 2-24. Preparation time and clarity of major staff outputs; source - evaluator.

Major staff output	Start time (DTG)	Stop time (DTG)	Elapsed time (hours)	Mean Output preparation time(hours)	Request for clarification
<u>Division G3</u>					
G3 portion of OPLAN/OPORD	122000	122110	1.17		
	131930	132210	2.67		
	141600	141910	3.17		
	142000	142330	3.50		
Total			10.51	2.63	
Operations Situation Report	130010	130200	1.50		
	140200	140400	2.00		
	150100	150230	1.50		
Total			5.00	1.67	
Fire Support Annex	130030	130230	2.00		01
	131930	132200	2.50		
	140926	141610	6.73		
	141830	141930	1.00		01
Total			12.23	3.06	02
Engineer Annex	122115	122250	1.58		
	131930	132200	2.50		
Total			4.08	2.04	
Army Aviation Annex	131930	132200	2.50	2.50	
<u>Division G4</u>					
G4 Portion of OPLAN/OPORD	141930	142130	2.00	2.00	
G4 Portion of ADMIN/LOG order	132030	132145	1.25	1.25	
Div critical items report	121800	121900	1.00	1.00	

Figure 2-24 (cont). Preparation time and clarity of major staff outputs; source - evaluator.

Major staff output	Start time (DTG)	Stop time (DTG)	Elapsed time (hours)	Mean Output preparation time(hours)	Request for clarification
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Division artillery

SI portion of OPLAN/OPORD	160530	160545	.25	.25	
Personnel daily summary	130335	130440	1.08		
	140200	140300	1.00		
	150200	150620	4.33		
Total			6.41	2.14	
INTSUM	122300	130001	1.02		
	130030	130200	1.50		
	150115	150530	4.25		
	160001	160100	.98		
Total			7.75	1.94	
Fire support annex	150400	150530	1.50	1.50	

Division support command

Personnel daily summary	142400	150005	.08		
	152400	160015	.25		
Total			.33	.16	
Internee strength report	142400	150005	.08		
	152400	160001	.02		
Total			.10	.05	

Figure 2-24 (cont). Preparation time and clarity of major staff outputs; source - evaluator.

Major staff output	Start time (DTG)	Stop time (DTG)	Elapsed time (hours)	Mean Output preparation time(hours)	Request for clarification
<u>Brigade</u>					
Personnel daily summary	130100	130300	2.00		
	140001	140130	1.48		
	150001	150130	1.48		
Total			4.96	1.65	
Internee strength report	140300	140330	.50		
	150400	150600	2.00		
Total			2.50	1.25	
INTSUM	130015	130100	.75		
	132300	140230	3.50		
	150030	150200	1.50		
	152400	160210	2.17		
Total			7.92	1.98	
S2 portion of OPLAN/OPORD	150115	150330	1.25	1.25	
S3 portion of OPLAN/OPORD	142330	150315	1.30	1.30	
Fire support annex	142000	142300	3.00	3.00	
<u>Battalion</u>					
Personnel daily summary	122313	122347	.67		
	132320	132350	.50		
	142343	142357	.23		02
	152330	152355	.42		
Total			1.82	.46	02
S3 portion of OPLAN/OPORD	122330	122400	.85		
	132310	140001	.50		
	150730	150930	2.00		
Total			3.35	1.12	
Fire support annex	150700	150830	1.50	1.50	

Figure 2-24 (cont). Preparation time and clarity of major staff outputs; source - evaluator.

ABBREVIATIONS

PDQ-1	Player Daily Questionnaire, Number One.
PDQ-2	Player Daily Questionnaire, Number Two.
PEQ	Player End of Test Questionnaire.
PEQ-SR	A supplemental questionnaire with a full title of Player End of Test Questionnaire/CAT I & II Supplemental Report (PEQ/CAT I & II SR).
"D"	Indicates a player from whom a questionnaire (indicated at the top of the column) was due on any shift ending during that particular day. ^{was}
"E"	Indicates a player from whom end of test questionnaires ^{were} were due on the last day of the test. This requirement ^{was} was in addition to the daily (D) requirement for the last day.
"O"	Indicates a player from whom end of test comments were due. The method of collection (complete a PEQ or oral debriefing) ^{was} was open to the evaluator and player.

Figure 2-25. Player questionnaire completion schedule, abbreviations.

Subsystem: Maneuver Bn(Comd Group)

Position
No.

Player

Rank

F7P01

Bn Cmdr

05

F8P02

ХО

04

F9P03

CSM (optional)

E9

FAPOL

Lt Veh Drv

EL

FAP05

Lt Veh Drv

E₄

FAPO6

Per Car Drv

E3

EVALUATORS

CAT

FIPO1

Bn Cmdr

I

05

	Tues Wed	Wed Thur	Thur Fri
*****QUESTIONNAIRES*****			
PDQ-1			
PDQ-2	D D		
PDQ-1			
PDQ-2	D D		
PDQ-1			
PDQ-2	D D		
PDQ-1			
PDQ-2	D D		
PEQ	P E Q		
PEQ-Sa			

Figure 2-26. Player questionnaire completion schedule, Bn Comd Gp.

EVALUATOR CAT

*****QUESTIONNAIRES*****

Figure 2-27. Player questionnaire completion schedule, Comd Gp.

**Position
No.**

<u>Player</u>	<u>Points</u>	<u>Rebounds</u>	<u>Assists</u>	<u>Steals</u>	<u>Blocks</u>	<u>Turnovers</u>	<u>Fouls</u>	<u>Minutes</u>
Player 1	15	5	3	2	1	4	2	25
Player 2	12	8	2	1	0	3	3	20
Player 3	10	3	5	3	2	2	1	30
Player 4	8	10	1	0	1	5	4	15
Player 5	5	2	4	2	3	1	0	20

Rank

08701
08711
09711

ADC(S)
Aide (Optional)
Chauffer

07
02
E5

EVALUATOR

CAT

01701

ADC(S)

I

05

Tues

Tues
Wed

Wed
Thur

Thur
Fri

*****QUESTIONNAIRES*****

POQ-1

PDQ-2

PDQ-1

PDQ-2

POQ-1

PDQ-2

PDQ-1

200-2

DEB

五

87

Subsystem: ADC(M)

Position
No.

Player

Rank

08501
08511
09511

ADC(M)
Aide (Optional)
Chauffer

07
02
E5

EVALUATOR

CAT

01501

ADC(M)

I

05

Tues		Tues Wed	Wed Thur		Thur Fri				
*****QUESTIONNAIRES*****									
PDQ-1	PDQ-2	PDQ-1	PDQ-2	PDQ-1	PDQ-2	PDQ-1	PDQ-2	PEQ	PEQ-SR
								0	0

Figure 2-29. Player questionnaire completion schedule, ADC(M).

**Position
No.**

Rank

06
01
E5
E3
E3

CAT

CofS

I

05

Tues	Tues Wed	Wed Thur	Thur Fri
PDQ-1	PDQ-2	PDQ-1	PDQ-2
D	D	D	D
PEQ	PEQ	PEQ	PEQ

89

Subsystem: G1

Position No.	Player	Rank	*****QUESTIONNAIRES*****									
			Tues PDQ-1	Tues PDQ-2	Wed PDQ-1	Wed PDQ-2	Thur PDQ-1	Thur PDQ-2	Fri PDQ-1	Fri PDQ-2	PEQ	PEQ-S
07101	G1	05		D		D		D		D	E	E
	<u>ADMIN</u>											
M8111	Asst G1	04	D	D	D	D	D	D	D	D	E	E
M8112	Asst G1 (Optional)	03	D	D	D	D	D	D	D	D	E	E
M9113	Per Mgt Supv	E9	D	D	D	D	D	D	D	D	E	E
M9114	Secy Sterc (Optional)	E5	D		D		D		D			
MA115	Clerk Typist	E4	D		D		D		D			
MA116	Clerk Typist (Optional)	E4	D		D		D		D			
MA117	Lt Veh Drv	E3	D		D		D		D			
M8118	Reenlistment Off (Optional)	05	D		D		D		D			
M9119	AC Counselor Supv (Optional)	E9	D		D		D		D			
	<u>PM</u>											
M8121	Div PM	05		D		D		D		D	E	E
M8122	Asst Div PM	04	D	D	D	D	D	D	D	D	E	E
M9123	Ops Sgt	E8	D	D	D	D	D	D	D	D	E	E
M8124	Crim Invest (Optional)	W0	D		D		D		D			
M9125	Sr Asst CI (Optional)	E7	D		D		D		D			
MA126	Clerk Typist	E4	D		D		D		D			
MA127	Mil Policeman	E3	D		D		D		D			
	<u>EVALUATORS</u>											
01101	G1/PM	I										
M2111	Admin (D)	03										
M2121	PM (D)	II										
M2112	Admin (N)	03										
M2122	PM (N)	II										
M3111	Admin (D)	E8										
M3121	PM (D)	III										
M3112	Admin (N)	E8										
M3122	PM (N)	III										

Figure 2-32. Player questionnaire completion schedule, G1.

Subsystem: G2(Plans/Admin, S&H)

			*****QUESTIONNAIRES*****									
Position No.	Player	Rank	Tues		Tues Wed		Wed Thur		Thur Fri		PEQ	PLANS
			PDQ-1	PDQ-2	PDQ-1	PDQ-2	PDQ-1	PDQ-2	PDQ-1	PDQ-2		
07201	G2	05		D		D		D		D	E	E
	<u>PLANS/ADMIN</u>											
M8210	Dep G2 (plans)	04	D	D	D	D	D	D	D	D	E	E
M9211	Intel Sgt	E9	D	D	D	D	D	D	D	D	E	E
MA212	Secy Steno	E5	D		D		D		D			
MA213	Clerk Typist	E4	D		D		D		D			
M/TA214	Pers Carr Drv	E4	D		D		D		D			
M/TA215	Lt Veh Drv	E3	D		D		D		D			
	<u>S&H</u>											
M8241	Security/HUMINT Off	04	D	D	D	D	D	D	D	D	E	E
M9242	S&H NCO	E6	D	D	D	D	D	D	D	D	E	E
MA243	S&H Clerk	E4	D		D		D		D			
	<u>EVALUATORS</u>	<u>CAT</u>										
01201	G2	I	05									
M2211	Plans/Admin (D)	II	04									
M2241	S&H (D)	II										
M2212	Plans/Admin (N)	II	03									
M2242	S&H (N)	II										
M3211	Plans/Admin (D)	III	E7									
M3241	S&H (D)	III										
M3212	Plans/Admin (N)	III	E7									
M3242	S&H (N)	III										

Figure 2-33. Player questionnaire completion schedule, G2 P&A and S&H.

Subsystem: G2 (CC&D, A&P, SS/EWE)

Position No.	Player	Rank	PDQ-1	PDQ-2	PDQ-1	PDQ-2	PDQ-1	PDQ-2	PDQ-1	PDQ-2	PDQ-1	PDQ-2	PEC	PEC-S
<u>CC&D</u>														
M8251	CC&D Sec Chief	03	D	D	D	D	D	D	D	D	D	D	EE	EE
M8252	CC&D Sec Chief	03	D	D	D	D	D	D	D	D	D	D	EE	EE
M9255	Ops Sgt	E8	D	D	D	D	D	D	D	D	D	D	EE	EE
M9256	Asst Ops Sgt	E7	D	D	D	D	D	D	D	D	D	D	EE	EE
M925B	Intel Analyst/RTO	E5	D		D		D		D		D			
M925C	Intel Analyst/RTO	E5	D		D		D		D		D			
MA253	Intel Analyst/Journal Clk	E4	D		D		D		D		D			
MA254	Intel Analyst/Journal Clk	E4	D		D		D		D		D			
<u>A&P</u>														
M7202	BICC OIC	04	D	D	D	D	D	D	D	D	D	D	EE	EE
M8261	Intel Off	02	D	D	D	D	D	D	D	D	D	D	EE	EE
M8262	Intel Off	02	D	D	D	D	D	D	D	D	D	D	EE	EE
M8263	Intel Off	02	D		D		D		D		D			
M8264	OB Tech	W0	D		D		D		D		D			
M9267	Intel Sgt	E6	D		D		D		D		D			
M9268	Intel Sgt	E6	D		D		D		D		D			
M9269	Intel Analyst	E5	D		D		D		D		D			
M926A	Intel Analyst	E5	D		D		D		D		D			
<u>SS/EWE</u>														
M827B	SSO		D	D	D	D	D	D	D	D	D	D	EE	EE
M8271	EW Crypto Stf Off	04	D	D	D	D	D	D	D	D	D	D	EE	EE
M8272	Electronic CM Off	02	D	D	D	D	D	D	D	D	D	D	EE	EE
M9273	Sig Intel Supv	E7	D	D	D	D	D	D	D	D	D	D	EE	EE
M9274	Liaison Sgt	E7	D		D		D		D		D			
M9275	Sr Sig Intel Analyst	E6	D		D		D		D		D			
M9276	Sr Sig Analyst	E6	D		D		D		D		D			
M9277	Sr Traffic Analyst	E6	D		D		D		D		D			
M9278	Signal Analyst	E5	D		D		D		D		D			
MA279	Traffic Analyst	E4	D		D		D		D		D			
MA27A	Traffic Analyst	E4	D		D		D		D		D			
MA27B	Traffic Analyst	E5	D		D		D		D		D			
MA27C	Traffic Analyst	E5	D		D		D		D		D			
<u>EWCO</u>														
M82AU	EWCO	04	D	D	D	D	D	D	D	D	D	D	EE	EE

Figure 2-34. Player questionnaire completion schedule, G2 CC&D, A&P, and SS/EWE.

System: G2 (CC&D, A&P, SS/EWE) (cont)					Tues	Tues Wed	Wed Thur	Thur Fri	*****QUESTIONNAIRES*****					
<u>Position No.</u>	<u>EVALUATORS</u>		<u>CAT</u>	<u>Rank</u>	PDQ-1	PDQ-2	PDQ-1	PDQ-2	PDQ-1	PDQ-2	PDQ-1	PDQ-2	PEQ	PEQ-SR
M2251	CC&D	(D)	II	03										
M2252	CC&D	(N)	II	E7										
M2261	A&P	(D)												
M2271	SS/EWE	(D)	II	04										
M2262	A&P	(N)												
M2272	SS/EWE	(N)	II	03										
M3251	CC&D	(D)												
M3261	A&P	(D)	III											
M3271	SS/EWE	(D)		E7										
M3252	CC&D	(N)												
M3262	A&P	(N)	III											
M3272	SS/EWE	(N)		E7										

Figure 2-35. Player questionnaire completion schedule, G2 CC&D, A&P, and SS/EWE.

Subsystem: G3(Admin-Plans/Ops-LNO)

Position No.	Player	Rank	*****QUESTIONNAIRES*****									
			Tues PDQ-1	Tues PDQ-2	Tues PDQ-1	Tues PDQ-2	Wed PDQ-1	Wed PDQ-2	Thur PDQ-1	Thur PDQ-2	Fri PEQ	Fri PEQ-SR
07301	G3	05		D		A		A		D	E	E
	<u>ADMIN</u>											
M93B3	Ch Ops Sgt	E9	D	D	D	D	D	D	D	D	E	E
M93B8	Secy Steno	E5	D		D		D		D			
M/TA3BD	Lt Veh Drv	E3	D		D		D		D			
	<u>OPS</u>											
M8311	Asst G3	04	D	D	D	D	D	D	D	D	E	E
M8312	Asst G3	04	D	D	D	D	D	D	D	D	E	E
M/T9314	Asst C Ops Sgt	E8	D	D	D	D	D	D	D	D	E	E
M9316	Ops Spec	E5	D		D		D		D			
M9317	Ops Spec	E5	D		D		D		D			
MA31B	Ops Asst	E4	D		D		D		D			
M/TA31C	Pers Carr Drv	E4	D		D		D		D			
MA31E	Lt Veh Drv	E3	D		D		D		D			
	<u>PLANS</u>											
M8321	Asst G3 (Plans)	04	D	D	D	D	D	D	D	D	E	E
M8322	Asst G3 (Plans)	03	D	D	D	D	D	D	D	D	E	E
M9325	Ops Spec	E5	D		D		D		D			
MA329	Clerk Typist	E4	D		D		D		D			
MA32A	Clerk Typist	E4	D		D		D		D			
MA323	Lt Veh Drv	E3	D		D		D		D			
	<u>LNO</u>											
M8331	LNO	03	D		D		D		D			
M8332	LNO	03	D		D		D		D			
M8333	LNO	03	D		D		D		D			
MA334	Lt Veh Drv	E3	D		D		D		D			
MA335	Lt Veh Drv	E3	D		D		D		D			
MA336	Lt Veh Drv	E3	D		D		D		D			

Figure 2-36. Player questionnaire completion schedule, G3 Admin, Plans, Op, and LNO.

**Position
No.**

G3(Admin-Plans/Ops-LNO)
(cont)

	Tues	Wed	Thur
Tues	Wed	Thur	Fri

*****QUESTIONNAIRES*****

PDQ-1
PDQ-2
PDQ-1
PDQ-2
PDQ-1
PDQ-2
PDQ-1
PDQ-2
PEQ
PDQ-SP

01301	G3	I	05
M1302	G3 (-)	I	05
M43301	G3/TAC	III	E7
M2311	Ops/LNO (D)		04
M2321	Plans/Admin (D)	II	
M2312	Ops/LNO (N)		03
M2322	Plans/Admin (N)	II	
M3311	Ops/LNO (D)		E7
M3321	Plans/Admin (D)	III	
M3312	Ops/LNO (N)		
M3322	Plans/Admin (N)	III	E7

Figure 2-37. Evaluator questionnaire completion schedule, G3 Admin, Plans, Op, and LNO.

Subsystem: G3(ACE)
(ADA/AVN)

*****QUESTIONNAIRES*****									
		Tues	Tues	Wed	Thur	Thur	Fri		
		Wed	Wed	Thur	Thur	Fri	Fri		
Position No.	Player	Rank	PDQ-1	PDQ-2	PDQ-1	PDQ-2	PDQ-1	PDQ-2	PEQ
<u>ADA</u>									
M/T8381	Operations Off	04	D	D	D	D	D	D	E
M8382	Asst Ops Off	03	D	D	D	D	D	D	E
M9383	Ops Sgt	E7	D	D	D	D	D	D	E
M9384	Asst Ops Sgt	E6	D	D	D	D	D	D	E
MA385	RTO	E4							
MA386	RTO	E4							
<u>AVN</u>									
M8341	Avn Staff Off	05		D		D		D	E
M8342	Asst Avn Staff Off	04	D	D	D	D	D	D	E
M8343	Avn Safety Off (Optional)	04	D		D	D	D	D	E
M9344	Ops Sgt	E8	D	D	D	D	D	D	E
MA345	Clerk Typist	E4	D		D	D	D	D	
MA346	Lt Veh Drv	E3	D		D	D	D	D	
<u>EVALUATOR</u> <u>CAT</u>									
M2381	ADA (D)	04							
M2341	AVN (D)								
M2382	ADA (N)	04							
M2342	AVN (N)								
M3381	ADA (D)	E7							
M3341	AVN (D)								
M3382	ADA (N)	E7							
M3342	AVN (N)								

Figure 2-38. Player questionnaire completion schedule, G3 (ACE) (ADA/AVN).

Subsystem: G3(TASE-WX/R&S)

Position No.	Player	Rank	PDQ-1	PDQ-2	PDQ-1	PDQ-2	PDQ-1	PDQ-2	PDQ-1	PDQ-2	PDQ-1	PDQ-2	PEQ	PEQ-S
<u>TASE</u>														
M8361	Air LNO	05	D		D		D		D		D			
M8362	Airlift Ops Off	04	D		D		D		D		D			
M/T8363	Fighter Ops Off	04	D		D		D		D		D			
M8364	Recon Ops Off	04	D		D		D		D		D			
M8365	Asst G3 (Air)	04	D	D	D	D	D	D	D	D	D	D	E	E
M9366	Ops Sgt	E7	D	D	D	D	D	D	D	D	D	D	E	E
M9367	Gnd Radio Commo Tech	E6	D		D		D		D		D			
M9368	Air Ops Supv	E6	D		D		D		D		D			
M/T9369	Gnd Radio Commo Driver	E5	D		D		D		D		D			
MA36A	Gnd Radio Commo Driver	E4	D		D		D		D		D			
MA36B	Gnd Radio Commo Driver	E4	D		D		D		D		D			
MA36C	Gnd Radio Commo Driver	E4	D		D		D		D		D			
MA36D	Gnd Radio Commo Driver	E4	D		D		D		D		D			
MA36E	Admin Spec	E4	D		D		D		D		D			
MA36F	Supply Spec	E4	D		D		D		D		D			
MA36G	RTO	E4	D		D		D		D		D			
<u>R&S</u>														
M8231	R&S Off	04	D	D	D	D	D	D	D	D	D	D	E	E
M8232	Asst R&S Off	03	D	D	D	D	D	D	D	D	D	D	E	E
M9233	R&S Intel Sgt	E8	D	D	D	D	D	D	D	D	D	D	E	E
M/T9234	R&S Intel Sgt	E7	D	D	D	D	D	D	D	D	D	D	E	E
<u>WX</u>														
M8281	Staff WX Off	03	D		D		D		D		D			
M8282	WX Off	02	D		D		D		D		D			
M9283	Forecaster	02	D		D		D		D		D			
M9284	C Observer	E6	D		D		D		D		D			
MA285	WX Observer	E4	D		D		D		D		D			
MA286	WX Observer	E4	D		D		D		D		D			
<u>EVALUATOR</u> <u>CAT</u>														
M/T2361	TASE-WX(D)	04												
M/T2231	R&S (D)	II												
M2362	TASE-WX (N)	E8												
M2232	R&S (N)	II												
M3361	TASE-WX (D)	E7												
M3231	R&S (D)	III												
M3362	TASE-WX (N)	E5												
M3232	R&S	III												

Figure 2-39. Player questionnaire completion schedule, G3 (TASE-WX/R&S).

Subsystem: G3(FSE/CML)

Subsystem: C3(FSE/CML)			Tues		Wed		Thur		Fri			
			***** QUESTIONNAIRES *****									
Position Number	Player	Rank	PDQ-1	PDQ-2	PDQ-1	PDQ-2	PDQ-1	PDQ-2	PDQ-1	PDQ-2	PEQ	PEQ-SR
<u>FSE</u>												
M/T8371	FS Coord Asst--Chelberg	05		D		D		D		D	E	E
M8372	DFS Coord Asst--Gorrell	04	D	D	D	D	D	D	D	D	E	E
M8373	NFA Intel Off--Tate	04	D	D	D	D	D	D	D	D	E	E
M8374	D Target Analyst--Smith	03	D		D		D		D			
M8375	N Target Analyst--Spencer	03	D		D		D		D			
M9376	N Intel Sgt--Suzuki (7)	E8	D	D	D	D	D	D	D	D	E	E
M/T9377	D Ops Sgt--Mansker (7)	E9	D	D	D	D	D	D	D	D	E	E
M9378	NC Fire Dir Cnptr--Sweat (6)	E7	D		D		D		D			
M9379	D Asst C Fire Dir Cnptr--Henry (5)	E6	D		D		D		D			
M937A	Radio TT Tm Ch--Morris	E5	D		D		D		D			
MA37B	N Clerk Typist--Jones	E4	D		D		D		D			
MA37C	Radio TT Op--Galruiz	E4	D		D		D		D			
MA37D	Radio TT Op--Jones	E4	D		D		D		D			
M/TA37E	D Lt Veh Drv--Smith	E3	D		D		D		D			
M/TA37F	D Lt Veh Drv--Nota	E3	D		D		D		D			
<u>CHEM</u>												
M8351	Div Cnl Off (Optional)--Burke	05		D		D		D		D	E	E
M8352	Asst Cnl Off--Parker	03	D	D	D	D	D	D	D	D	E	E
M8353	Cnl Staff Off--Leyes	03	D	D	D	D	D	D	D	D	E	E
M9354	Cnl Ops Sgt	E8	D	D	D	D	D	D	D	D	E	E
M9355	Plotter--Cox	E7	D		D		D		D			
M9356	Plotter (Optional)--Morril	E7	D		D		D		D			
M9357	Computer--Curley	E6	D		D		D		D			
M9358	Cnl Staff Spec--Evans	E5	D		D		D		D			
M9359	Cnl Staff Spec--Silverblade	E5	D		D		D		D			
MA35A	Clerk Typist--Banrama	E4	D		D		D		D			
<u>EVALUATOR</u> <u>CAT</u>												
M/T2371	FSE (D)	04										
M/T2351	Cnl (D)	II										
M2372	FSE (N)	03										
M2352	Cnl (N)	II										
M3371	FSE (D)	E7										
M3351	Cnl (D)	III										
M3372	FSE (N)	E7										
M3352	Cnl (N)	III										

Figure 2-40. Player questionnaire completion schedule, G3 (FSE/Cml).

System: G3(CE/ENG)

Position
No.

Player

Rank

*****QUESTIONNAIRES*****									
	Tues	Tues	Wed	Thur	Thur	Fri			
	PDQ-1	PDQ-2	PDQ-1	PDQ-2	PDQ-1	PDQ-2	PDQ-1	PDQ-2	PEQ
M8391	D	D	D	D	D	D	D	D	E
M8392	D	D	D	D	D	D	D	D	E
M8393	D	D	D	D	D	D	D	D	E
M9394	D	D	D	D	D	D	D	D	E
MA395	D	D	D	D	D	D	D	D	E
MA396	D	D	D	D	D	D	D	D	E
MA397	D	D	D	D	D	D	D	D	E
MA398	D	D	D	D	D	D	D	D	E
MA399	D	D	D	D	D	D	D	D	E
ENG									
M83A1	D	D	D	D	D	D	D	D	E
M83A2	D	D	D	D	D	D	D	D	E
M83A3	D	D	D	D	D	D	D	D	E
M93A4	D	D	D	D	D	D	D	D	E
M93A5	D	D	D	D	D	D	D	D	E
M93A6	D	D	D	D	D	D	D	D	E
MA3A7	D	D	D	D	D	D	D	D	E
EVALUATORS									
M23A1	Engr (D)	II	03						
M2391	CE (D)	II							
M23A2	Engr (N)								
M2392	CE (N)	II	03						
M33A1	Engr (D)		E7						
M3391	CE (D)	III							
M33A2	Engr (N)								
M3392	CE	III	E7						

Figure 2-41. Player questionnaire completion schedule, G3 (CE/ENG).

Subsystem: G4

Position
No.

Player

Rank

*****QUESTIONNAIRES*****									
		Tues	Tues	Wed	Thur	Thur	Fri		
		PDQ-1	PDQ-2	PDQ-1	PDQ-2	PDQ-1	PDQ-2	PDQ-1	PDQ-2
		PDQ-1	PDQ-2	PDQ-1	PDQ-2	PDQ-1	PDQ-2	PDQ-1	PDQ-2
07401	G4	05							
	<u>ADMIN</u>								
M8411	Asst G4	04	D	D	D	D	D	D	D
M8412	Asst G4	04	D	D	D	D	D	D	D
M8413	Asst G4 (Optional)	03	D	D	D	D	D	D	D
M9414	C Supply Sgt	E9	D	D	D	D	D	D	D
M9415	Asst C Sup Sgt	E8	D	D	D	D	D	D	D
M9416	Secy Steno	E5	D	D	D	D	D	D	D
MA417	Clerk Typist	E4	D	D	D	D	D	D	D
MA418	Clerk Typist	E4	D	D	D	D	D	D	D
MA419	Lt Veh Drv	E3	D	D	D	D	D	D	D
M941A	Food Svc Supv (Optional)	E8	D	D	D	D	D	D	D
M841B	Food Svc Tech (Optional)	W0	D	D	D	D	D	D	D
	<u>DTO</u>								
8421	Div Trans Off	04	D	D	D	D	D	D	D
M8422	Mvmt Cont Off	03	D	D	D	D	D	D	D
M9423	Mvmt Supv	E8	D	D	D	D	D	D	D
MA424	Mvmt Spec	E4	D	D	D	D	D	D	D
	<u>EVALUATOR</u>								
	<u>CAT</u>								
01401	G4	I	05						
M2411	Admin (D)	04							
M2421	Trans (D)	II							
M2412	Admin (N)								
M2422	Trans (N)	II	03						
M3411	Admin (D)	E8							
M3421	Trans (D)	III							
M3412	Admin (N)	E8							
M3422	Trans (N)	III							

Figure 2-42. Player questionnaire completion schedule, G4.

Subsystem: Div Alt G1/G4

Position No.	Player	Rank
--------------	--------	------

G1 Alt

A8G11	Asst G1	03
A9G12	*Pers Mgmt Supv	E7
A9G13	Ops Sgt	E7

G4 Alt

A8G41	*Asst G4	03
A9G42	Support Sgt	E7
AAG43	Lt Veh Drv	E3

*Lt Augmentation Members

EVALUATORS

CAT

A2G11	**G1	ALT (D)	03
A2G41	**G4	ALT (D)	II
A2G12	G1	ALT (N)	03
A2G42	G4	ALT (N)	II
A3G11	G1	ALT (D)	E7
A3G41	G4	ALT (D)	III
A3G12	G1	ALT (N)	E7
A3G42	G4	ALT (N)	III

**Evaluator for Light (LT) Augmentation.

*****QUESTIONNAIRES*****									
Tues	Tues	Wed	Thur	Thur	Fri				
Tues	Wed	Thur	Fri						
PDQ-1	PDQ-2	PDQ-1	PDQ-2	PDQ-1	PDQ-2	PDQ-1	PDQ-2	PEQ	PEQ-SR
		D	D	D	D	D	D	E	E
				D	D	D	D	E	E
				D	D	D	D	E	E
				D	D	D	D	E	E
				D	D	D	D	E	E
				D	D	D	D	E	E

Figure 2-43. Player questionnaire completion schedule, Alt G1, G2, G3, G4.

Rank

```
A8G21      *Intel Off      03
A9G22      *Intel Sgt      E7
A9G26      *Ops Spec      E5
```

A8G71	Intel	Off	02
A9G72	*Intel	Analyst	E5
A9G73	Intel	Analyst	E5
A9G74	Intel	Analyst	E5

A9G81	Signal Analyst	E5
AAG82	Traffic Analyst	E4
A9G85	Radio TT Tm C	E5
A9G86	Radio TT Op	E4
A9G87	Radio TT Op	E4

A8G31	*Asst G3	04
A8G32	*Asst G3	03
A9G33	*Ops Sgt	E7
AAG34	Hvy Veh Drv	E4
AAG35	Lt Veh Drv	E3
A8G37	ADA LNO	02
A9G38	ADA Liaison Sgt	E6
A9G39	Lt Veh Drv	E5
A8G61	Asst Air LNO	
A9G62	Gnd Radio Comm Repairman	

A8G51	*FSC - Asst	04
A8G52	FSC - Asst	03
A9G53	*FSE Ops Sgt	E6
A9G54	Chief FD Cmptr	E6
A9G55	Lt Veh Drv	E3
A9G56	Team Chief	E5
AAG57	Radio TT Op	E4
AAG58	Radio TT Op	E4
A9G59	Veh Drv	E3
35A	Veh Drv	E3

Tues	Tues	Wed	Thur
	Wed	Thur	Fri

*****QUESTIONNAIRES*****

PDQ-1	PDQ-2	PDQ-1	PDQ-2	PDQ-1	PDQ-2	PDQ-1	PDQ-2	PEQ	PEQ-30
		D D D	D D D	D D D	D D D	D D D	D D D	E E E	E E E
		D		D D D D	D	D D D D	D	E	E
		D D D	D D D	D D D D D D D D	D D	D D D D D D D D	D D D	E E E	E E E
		D D	D D	D D D D D D D D D D	D D D D	D D D D D D D D D D	D D D D	E E E E	E E E E

*Light Augmentation Members

Figure 2-43. Player questionnaire completion schedule, A1f G1, G2, G3, G4.

System: Div Alt (G2/G3) (Cont)

Position
No.

EVALUATORS

CAT

Rank

Tues

Tues
Wed

Wed
Thur

Thur
Fri

*****QUESTIONNAIRES*****

A2G21	**G2-BICC-SS/EWE ALT (D)		
A2G31	**G3-FSE ALT (D)	II	04
A2G22	**G2-BICC-SS/EWE ALT (N)		
A2G32	**G3-FSE ALT (N)	II	04
A3G21	G2-SS/EWE ALT (D)	III	E5
A3G71	BICC ALT (D)		
A3G31	**G3 ALT (D)	III	E8
A3G51	**FSE ALT (See NOTE) (D)		
A3G22	G2-SS/EWE ALT (N)	III	E5
A3G72	BICC ALT (N)		
A3G32	**G3 ALT (N)	III	E7
A3G52	**FSE ALT (See NOTE) (N)		

**Evaluator for light (LT) augmentation.

NOTE: The day/night CAT III G3/FSE evaluators for the light augmentation acted as the CAT III evaluator of the G1, G2, and G4 sections for the light augmentation using the following day/night position numbers:

A3G11	G1 ALT (D)	III
A3G21	G2 ALT (D)	
A3G41	G4 ALT (D)	
A3G12	G1 ALT (N)	III
A3G22	G2 ALT (N)	
A3G42	G4 ALT (N)	

Figure 2-43 (cont). Player questionnaire completion schedule, Alt G1, G2, G3, G4.

Position
No.

Rank

N-O-N-E

EVALUATORS

CAT

01F01	Div Sig Off	I	05
M/TBMX1	Div Main	II	04
CBFX1	Bde	II	E7
ABGX1	Div Alt	II	04
D39X1	Div Arty	II	04
BCBX1	Bde	III	E7
EBNX1	Control/DISCOM	II	03

NOTE: These evaluators complete only
T IIR/CAT IIR End of Test Reports.

Tues	Tues Wed	Wed Thur	Thur Fri
PDQ-1	PDQ-1	PDQ-1	PDQ-1
PDQ-2	PDQ-2	PDQ-2	PDQ-2
PDQ-1	PDQ-1	PDQ-1	PDQ-1
PDQ-2	PDQ-2	PDQ-2	PDQ-2
PDQ-1	PDQ-1	PDQ-1	PDQ-1
PDQ-2	PDQ-2	PDQ-2	PDQ-2
PDQ	PDQ	PDQ	PDQ
PDQ-SR	PDQ-SR	PDQ-SR	PDQ-SR

Position
No.

<u>Player</u>	<u>Points</u>	<u>Rebounds</u>	<u>Assists</u>	<u>Steals</u>	<u>Blocks</u>	<u>Turnovers</u>	<u>Fouls</u>	<u>Minutes</u>
Player 1	15	5	3	2	1	4	2	25
Player 2	12	8	2	1	0	3	3	20
Player 3	10	3	5	3	2	2	1	30
Player 4	8	6	1	0	1	5	4	15
Player 5	5	2	4	2	3	1	0	20

Rank

07901

Div Arty Cdr

06

D8902

XO

05

D9903

CSM (Optional)

E9

EVALUATOR

CAT

01901

Div Arty Cmdr

I

05

Tues

Tues
Wed

Wed
Thur

Thur
Fri

*****QUESTIONNAIRES*****

PDQ-1

PDQ-2

PDQ-1

210

PQ-1

PDQ-2

PDQ-1

3-0000

QED

5-033

0

C

F

Figure 2-45. Player questionnaire completion schedule, Div Arty Comd Gp, Cand Gp

Subsystem: Div Arty(S1/S4)

Position
No.

Player

Rank

S1/S4

D8911	S1	04
D9911	Pers Stf NCO	E7
D9912	Legal Clerk (Optional)	E6
DA913	Clerk Typist	E4
DA914	Clerk Typist	E4
DA915	Radio Op	E3
DA916	Radio Op	E3
D8940	S4	04

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D2911	S1/S4 (D)	II	04
D2912	S1/S4 (N)	II	02
D3911	S1/S4 (D)	III	E7
D3912	S1/ S4 (N)	III	E7

*****QUESTIONNAIRES*****									
Tues	Tues	Wed	Wed	Thur	Thur	Fri			
PDQ-1	PDQ-2	PDQ-1	PDQ-2	PDQ-1	PDQ-2	PDQ-1	PDQ-2	PEQ	PEQ-SR
D	D	D	D	D	D	D	D	E	E
D	D	D	D	D	D	D	D	E	E
D		D		D		D			
D		D		D		D			
D		D		D		D			
D		D		D		D			
D		D		D		D			
D		D		D		D			
D	D	D	D	D	D	D	D	E	E

Figure 2-46. Player questionnaire completion schedule, Div Arty S1/S4.

System: Div Arty (S2/TGT ACQ PLT, BIC)

Position No. Player Rank

S2/TGT ACQ PLT

D8921	S2	04
D8922	TGT Acq Plt Ldr	03
D8923	Intel Sgt	E8
DA924	RT0	E3

BIC

D89B2	BIC OIC	02
D99B3	Intel Sgt	E6
D99B4	Intel Analyst	E5

EVALUATORS

CAT

D2921	S2/BIC (D)	II	02
D2922	S2/BIC (N)	II	02
D3921	S2 (D)	III	E7
D39B1	BIC (D)		
D3922	S2 (N)	III	E7
D39B2	BIC (N)		

*****QUESTIONNAIRES*****									
Tues	Tues	Wed	Wed	Thur	Thur	Thur	Fri		
PDQ-1	PDQ-2	PDQ-1	PDQ-2	PDQ-1	PDQ-2	PDQ-1	PDQ-2	PEQ	PEQ-SQ
D	D	D	D	D	D	D	D	E	E
D	D	D	D	D	D	D	D	E	
D	D	D	D	D	D	D	D	E	
D		D		D		D			
D	D	D	D	D	D	D	D	E	
D	D	D	D	D	D	D	D	E	
D		D		D		D			

Figure 2-47. Player questionnaire completion schedule, Div Arty S2.

Tues	Tues Wed	Wed Thur	Thur Fri
*****QUESTIONNAIRES*****			
P0Q-1	P0Q-1	P0Q-1	P0Q-1
P0Q-2	P0Q-2	P0Q-2	P0Q-2
P0Q-1	P0Q-1	P0Q-1	P0Q-1
P0Q-2	P0Q-2	P0Q-2	P0Q-2
P0Q-1	P0Q-1	P0Q-1	P0Q-1
P0Q-2	P0Q-2	P0Q-2	P0Q-2
P0Q-1	P0Q-1	P0Q-1	P0Q-1
P0Q-2	P0Q-2	P0Q-2	P0Q-2
PEQ	PEQ	PEQ	PEQ
PEQ-SB	PEQ-SB	PEQ-SB	PEQ-SB

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Obssystem: DISCOM (Cmd Grp)

Position
No.

PlayerRank

07A01	Commander	06
S8A02	XO	05
S9A03	CSM	E9
SAA03	Lt Veh Drv	E4

NOTE: FASCO & FASC NCO were placed in the Bde S4 for evaluation (only) purposes.

EVALUATOR

CAT

01A01 DISCOM CO I 05

Tues	Tues Wed	Wed Thur	Thur Fri
*****QUESTIONNAIRES*****			
PDQ-1			
PDQ-2	D D		
PDQ-1			
PDQ-2	D D		
PDQ-1			
PDQ-2		D D	
PDQ-1			
PDQ-2			D D
PJQ	O E E		
PJQ-SR			O E

Figure 2-49. Player questionnaire completion schedule, DISCOM Comd Gp.

Subsystem: DISCOM(S1/S2/S3/S4)

			*****QUESTIONNAIRES*****									
Position No.	Player	Rank	Tues	Tues	Wed	Thur	Thur	Fri				
			PDQ-1	PDQ-2	PDQ-1	PDQ-2	PDQ-1	PDQ-2	PDQ-1	PDQ-2	PEQ	PEQ-SK
S8A11	S1	04	D	D	D	D	D	D	D	D	E	E
S8A61	ADP Ops ORR (Optional)	04	D		D	D	D	D	D	D	E	E
S9A12	Personnel Staff NCO	E7	D	D	D	D	D	D	D	D	E	E
SAA14	Clerk Typist	E4	D		D	D	D	D	D	D		
SAA17	Lt Veh Drv	E3	D		D	D	D	D	D	D		
S9A14	AC Council Supv	E8	D		D	D	D	D	D	D		
S9A13	Info Specialist	E6	D		D		D		D			
<u>S2</u>												
S8A21	S2	04	D	D	D	D	D	D	D	D	E	E
S9A22	Intelligence Sgt	E8	D	D	D	D	D	D	D	D	E	E
SAA24	Lt Veh Dr	E3	D		D		D		D			
<u>S3</u>												
S8A31	S3	04	D	D	D	D	D	D	D	D	E	E
S8A32	Asst S3	03	D	D	D	D	D	D	D	D	E	E
S8A33	LNO	03	D		D	D	D	D	D	D	E	E
S9A34	Ops Sgt	E9	D	D	D	D	D	D	D	D	E	E
S9A35	Asst Ops Sgt	E8	D	D	D	D	D	D	D	D	E	E
SAA36	Clerk Typist	E4	D		D	D	D	D	D	D		
SAA37	Lt Veh Drv	E3	D		D	D	D	D	D	D		
S8A71	Cml Staff Off(Optional)	03	D	D	D	D	D	D	D	D	E	E
S9A72	Cml NCO (Optional)	E7	D		D		D		D			
<u>S4</u>												
S8A41	S4	04	D	D	D	D	D	D	D	D	E	E
S8A42	Asst S4	03	D	D	D	D	D	D	D	D	E	E
S9A45	Log Sgt	E8	D	D	D	D	D	D	D	D	E	E
S9A46	Asst Log Sgt	E7	D	D	D	D	D	D	D	D	E	E
SAA43	Clerk Typist	E4	D		D	D	D	D	D	D		
SAA48	Lt Veh Drv	E3	D		D	D	D	D	D	D		
S8A43	Food Svc Tech (Optional)	W0	D		D	D	D	D	D	D		
S9A44	Food Svc Supv	E7	D		D	D	D	D	D	D		
S8A47	DAO	W0	D		D		D		D			
S8A48	Asst DAO (optional)	E5										

Figure 2-50. Player questionnaire completion schedule, DISCOM staff.

Position
No.

EVALUATORS

CAT

Rank

S2A11	S1	(D)		03
S2A41	S4	(D)	II	
S2A12	S1	(N)		03
S2A42	S4	(N)	II	
S2A21	S2	(D)		03
S2A31	S3	(D)	II	
S2A22	S2	(N)		03
S2A32	S3	(N)	II	
S3A11	S1	(D)		E7
S3A21	S2	(D)		
S3A31	S3	(D)	III	
S3A41	S4	(D)		
S3A12	S1	(N)		E7
S3A22	S2	(N)		
S3A32	S3	(N)	III	
S3A42	S4	(N)		

	Tues	Wed	Thur
Tues	Wed	Thur	Fri

*****QUESTIONNAIRES*****

PDQ-1

PQQ-2

PDQ-1

2-000

909-1

POQ-2

1-000

900-2

PEO

05-038

Figure 2-51. Evaluator questionnaire completion schedule, DISCOM.

Position
No.

Player

Rank

07B01	Bde Cdr	06
B8B02	XO	05
B9B03	CSM (Optional)	E9
BAB04	Lt Veh Drv	E3
BAB05	Lt Veh Drv	E3

EVALUATOR

CAT

01B01 Bde Cdr I 05

[illegible]

Figure 2-52. Player questionnaire completion schedule, Bde Comd Gp.



*****QUESTIONNAIRES*****



Subsystem: Bde(S2/BICC, S3 Ops, S3 Plans)

*****QUESTIONNAIRES*****

Position
No.

Player

Rank

			Tues	Tues	Wed	Thur	Thur		
			Wed	Thur	Fri	Sat	Sun		
			PDQ-1	PDQ-2	PDQ-1	PDQ-2	PDQ-1	PDQ-2	PDQ-1
			PDQ-1	PDQ-2	PDQ-1	PDQ-2	PDQ-1	PDQ-2	PDQ-1
B8B21	Intel Off	04	D	D	D	D	D	D	D
B9B22	Asst Intel Off	03	D	D	D	D	D	D	D
B9B23	Intel Sgt	E8	D	D	D	D	D	D	D
B9B24	Asst Intel Sgt	E7	D	D	D	D	D	D	D
BAB25	Pers Carr Drv	E4	D	D	D	D	D	D	D
BAB26	Lt Veh Drv	E3	D	D	D	D	D	D	D
B8B91	BICC Off	03	D	D	D	D	D	D	D
B9B92	Plt Sgt	E7	D	D	D	D	D	D	D
B9B93	Intel Sgt	E6	D	D	D	D	D	D	D
B9B94	Intel Sgt	E6	D	D	D	D	D	D	D
B9B95	Intel Analyst	E5	D	D	D	D	D	D	D
B9B96	Intel Analyst	E5	D	D	D	D	D	D	D
BAB97	Intel Analyst	E4	D	D	D	D	D	D	D
BAB98	Intel Analyst	E4	D	D	D	D	D	D	D
BAB99	Lt Veh Drv	E4	D	D	D	D	D	D	D
<u>S3 Ops</u>									
8B31	Ops Off	04	D	D	D	D	D	D	D
B8B33	Asst Ops O (Air)	03	D	D	D	D	D	D	D
B8B36	LNO	03	D	D	D	D	D	D	D
B9B34	Ops Sgt	E9	D	D	D	D	D	D	D
BAB37	Op Asst	E4	D	D	D	D	D	D	D
BAB38	Sr Radio Oper	E4	D	D	D	D	D	D	D
BAB3A	Pers Carr Drv	E4	D	D	D	D	D	D	D
BAB3B	Pers Carr Drv	E4	D	D	D	D	D	D	D
BAB3F	Lt Veh Drv(LNO)	E3	D	D	D	D	D	D	D
BAB3C	Voice Radio Oper	E3	D	D	D	D	D	D	D
BAB3D	Voice Radio Oper	E3	D	D	D	D	D	D	D
BAB3E	Lt Veh Drv	E3	D	D	D	D	D	D	D
<u>S3 Plans</u>									
B8BC2	Asst Ops Off (Plans)	03	D	D	D	D	D	D	D
B8BC6	Asst Ops Sgt (Plans)	E8	D	D	D	D	D	D	D
BABC9	Clerk Typist	E4	D	D	D	D	D	D	D
<u>CE Section</u>									
B8B51	Comm Off	04	D	D	D	D	D	D	D
BAB52	Lt Veh Drv	E3	D	D	D	D	D	D	D

Figure 2-54. Player questionnaire completion schedule, Bde S2/S3.

Subsystem: Bde(S2/S3)(cont)

*****QUESTIONNAIRES*****									
		Tues	Tues	Wed	Thur	Thur	Fri		
		Tues	Wed	Thur	Fri				
Position No.	Player	Rank	PDQ-1	PDQ-2	PDQ-1	PDQ-2	PDQ-1	PDQ-2	PDQ-1
<u>AVN</u>									
B8B71	Avn Off	03	D	D	D	D	D	D	E
BAB72	Acft Fuel Hand Spec	E4	D		D	D		D	
<u>CHEM</u>									
B8B61	Cml Off	03	D	D	D	D	D	D	E
B9B62	Cml Staff NCO	E7	D		D	D		D	
<u>TACP</u>									
B7BA1	Air LNO	04	D		D		D		E
B8BA1	Airlift Ops Off	03	D		D		D		E
B8BA2	Fighter Ops Off	03	D		D		D		E
B8BA3	Fwd Air Cntr	03	D		D		D		E
BABA1	Gnd Radio Comm Rpr	E4	D		D		D		
BABA2	Gnd Radio Comm Rpr	E4	D		D		D		
BABA3	Gnd Radio Comm Rpr	E4	D		D		D		
<u>FSCC</u>									
B8B81	Fire Spt Coord (Optional)	05		D		D		D	E
B8B82	Asst FSC/LNO	03	D	D	D	D	D	D	E
B9B83	LN Sgt	E6	D	D	D	D	D	D	E
B9B84	LN Spec	E4	D		D		D		
BAB85	Pers Carr Drv	E4	D		D		D		
<u>EVALUATORS</u> <u>CAT</u>									
B2B21	S2/BIC (D)	II	03						
B2B22	S2/BIC (N)	II	02						
B2B31	S3/FSCC (D)	II	03						
B2B32	S3/FSC (N)	II	02						
B3B21	S2/BIC (D)	III	E7						
B3B37	S3 (D)								
B3B81	FSCC (D)								
B3B22	S2/BIC (N)	III	E7						
B2B32	S3 (N)								
B3B82	FSCC (N)								

Figure 2-55. Questionnaire completion schedule, Bde S2/S3.

Subsystem: Bn(S1,S2-BIC,S3,S4)

Position
No.

Player

Rank

*****QUESTIONNAIRES*****									
	Tues	Tues	Wed	Thur	Thur	Fri			
	PDQ-1	PDQ-2	PDQ-1	PDQ-2	PDQ-1	PDQ-2	PDQ-1	PDQ-2	PEQ
<u>S1</u>									
F8P11	Per Off	03	D	D	D	D	D	D	
F9P12	Pers Staff NCO	E7	D	D	D	D	D	D	
F9P13	AC Coun Supv (Optional)	E8	D	D	D	D	D	D	
F9P14	Legal Clk	E6	D	D	D	D	D	D	
FAP15	Per Carr Drv	E4	D	D	D	D	D	D	
FAP16	Lt Veh Drv	E3	D	D	D	D	D	D	
<u>S2/BIC</u>									
F8P21	Intel Off	03	D	D	D	D	D	D	
F9P22	Intel Sgt	E8	D	D	D	D	D	D	
FAP23	Clk Typist	E4	D	D	D	D	D	D	
FAP24	Per Car Drv	E4	D	D	D	D	D	D	
F8P91	BICC OIC	02	D	D	D	D	D	D	
F9P92	Intel Sgt	E6	D	D	D	D	D	D	
F9P93	Intel Analyst	E5	D	D	D	D	D	D	
FAP94	Intel Analyst	E4	D	D	D	D	D	D	
FAP95	Per Car Drv	E4	D	D	D	D	D	D	
<u>S3</u>									
F8P31	Ops Off	04	D	D	D	D	D	D	
F8B32	Asst Ops Off	03	D	D	D	D	D	D	
F8P33	Asst Ops Off (Air)	03	D	D	D	D	D	D	
F8P34	LNO (Optional)	02	D	D	D	D	D	D	
F8P35	LNO (Optional)	02	D	D	D	D	D	D	
F9P36	Ops Sgt	E8	D	D	D	D	D	D	
F9P37	Asst Ops Sgt	E7	D	D	D	D	D	D	
F9P61	Cml Staff NCO (Optional)	E6	D	D	D	D	D	D	
FAP38	Ops Asst	E4	D	D	D	D	D	D	
FAP39	Clk Typist	E4	D	D	D	D	D	D	
FAP3A	Per Car Drv	E4	D	D	D	D	D	D	
FAP3B	Per Car Drv	E4	D	D	D	D	D	D	
FAP3C	Sr Radio Oper	E4	D	D	D	D	D	D	
FAP3D	Radio Oper	E3	D	D	D	D	D	D	
FAP3E	Lt Veh Drv	E3	D	D	D	D	D	D	
FAP3F	Lt Veh Drv	E3	D	D	D	D	D	D	
FAP3G	Lt Veh Drv	E3	D	D	D	D	D	D	

Figure 2-56. Player questionnaire completion schedule, Bn.

Subsystem: Bn Staff (cont)

Position
No.

Player

Rank

		Tues	Tues	Wed	Thur	Thur	Fri		
		Tues	Wed	Thur	Fri	Sat	Sun		
*****QUESTIONNAIRES*****									
PDQ-1	PDQ-2	PDQ-1	PDQ-2	PDQ-1	PDQ-2	PDQ-1	PDQ-2	PDQ-1	PDQ-2
D D	D	D D	D	D D	D	D D	D	D D	D
D D D D		D D D D		D D D D		D D D D		D D D D	
D D D D	D D	D D D D	D D	D D D D	D D	D D D D	D D	D D D D	D D
D D D D D D D D	D D D D	D D D D D D D D	D D D	D D D D D D D D	D D D	D D D D D D D D	D D D D	D D D D D D D D	D D D D

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Figure 2-56 (cont). Player questionnaire completion schedule, Bn. 118

	Tues	Tues	Wed	Thur	Thur	Fri
	Tues	Wed	Thur			
*****QUESTIONNAIRES*****						
PDQ-1						
PDQ-2						
PDQ-1						
PDQ-2						
PDQ-1						
PDQ-2						
PDQ-1						
PDQ-2						
PDQ						

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<u>Bunker #</u>	<u>Control Element</u>	<u>Position #</u>
54	Corps ACE	E5E11
	Corps Ops	E5E12
	Engr Bn (Div & Corps)	E6DE1
	Corps PMO/MP Co Ops	E6DG1
	USAF (Corps)	E6ID1
	Avn Co (Div & Corps)	E6DF1
	Corps Support((G1/G4)	E6DC1
	AG/Surg	E6EH1
	DISCOM Bn's/MMA	E6DH1
	Aggressor	E6DB1
	Corps Intel	E5E71
56	Cav Sqdn	E6DN1
	Maneuver Bn's	E6DK1
	2d Bde	E6DI1
	3d Bde	E6DJ1
	TACP (Bn, Bde)	E6DP1
57	Corps Arty Hq	E6DX1
	Corps Arty Ops	E6DY1
	DS Bn's (155 mm)	E6DQ1
	ADA Bn	E6DV1
	GS Bn (8 in)	E6DT1
	GS Rkt Bn (HJ)	E6DU1
	Tgt Acq Plt	E6EW1
58	Co's (1/85)	E6DM1
ASA Van	ASA	E5E81

Figure 2-58. Controller position number roster.

TE #	ENTRY TIME	FROM	TO	MODE	EVENT
1802	121800	DASC	TASE	HF	Admin Note: Inform TASE, 53d Div that a damaged F-4 will return across FEBA in the FT 1-85 sector in 08 minutes. Request that friendly AD be advised.
1803	121800	G3, Corps Arty	S3, Div Arty	RATT	G3 corps artillery will send a message to S3 Div Arty requesting coordination for a corps artillery 8 is (SP) bn to move into an area. Arty controller will coordinate with maneuver controllers so that the position area conflicts with a support unit already positioned in that area.
1810	121805	LN0, 1-442	DACE	AM	Hostile Aircraft Warning Air Defense Warning Red A. Many A/C C. Vic NL 1112 & NL 2913 B. Inbound D. S E. 3000 feet AGL
1821	121818	S4, 1-89	S4, 1st Bde	FM	Rough terrain and cbt related damage to our M113 tracks and suspension systems are causing a shortage of track shoes and related tools necessary to repair the tracks. Track shoes, track connecting fixtures (5120-678-2793) and drift pins (5120-678-2795) are becoming critical. (Not a TF 1-85 event.)
1829	121837	S4, 2d Bde	G4, DTO	TEL	Request convoy clearance for maintenance convoy evacuating cbt damaged vehicles and materiel. SP is 2d Bde trains, SP time is 122030 hrs. Destination: Maintenance Collection Point, Division Rear.

Figure 2-59. Traceable events (extracted from Test 119 Scenario).

TE #	ENTRY TIME	FROM	TO	MODE	EVENT
1831	121853	PMO, Corps	PMO, Div	RATT	Blackmarket activities in your division area seem to be rising. Aggressive action must be taken to stop this activity. Reports indicate soldiers are black-marketing POL, food and clothing.
1835	121900	S2, Left Bde	G2, Div	FM	Refugees report bridge north of Iredell vic (PL 065393) has been prepared for destruction. They also noted construction type equipment being moved to high ground north of Iredell (F-2).
1848	121938	G3, Corps Arty	S3, Div Arty	RATT	Fire Mission - fire counterbattery program.
1861	122010	G1, Corps	G1, Div	RATT	PVT George D. Rowan's mother states he has not written her for 2 months. Mrs. Rowan wants to know if he is dead or alive. Rowan is in D, TF 1-85.
1868	122031	53d Maint Bn	S3, DISCOM	TEL	Request all units be advised that numerous final drive assemblies for M113 carriers have been damaged because of missing or leaking drain plugs in the bottom of each final drive. Plugs should be checked and tightened if necessary on a daily basis.
1871	122055	S2, Right Bn	S2, Right Bde	FM	Refugee reports that loud explosions heard earlier were charges used to blow the highway and railroad tracks at PL 290340 (F2).
1872	122057	Fw Cont Bde	S3, DISCOM	TEL	Request vehicle aug for the GR RC sec in our trains area. The Bde S4 is reluctant to provide space on re-supply vehicles leaving this area for evacuation of deceased personnel. Section needs one 2 1/2 truck for evacuation of remains and personal effects.

Figure 2-59 (cont). Traceable events (extracted from Test 119 Scenario).

TE #	ENTRY TIME	FROM	TO	MODE	EVENT
1875	122100	FSE, Corps Arty	FSE, Div	RATT	FSE corps arty will send a message to FSE 53d Div for coordination of an all available TOT on a target within 500 meters of a lead element.
1879	122105	S2, DS Arty Bn	S2, Div Arty	FM	MPQ4A radar reports enemy arty location PL
1880	122113	S1, 1-48 FA	S1, Div Arty	FM	CPT Ralph E. Rainey, C, 1-48 FA, has been relieved of command. He was caught smoking pot with a group of his men. Request disposition instructions on CPT Rainey.
1884	122131	Sct Plat, TF 1-85	S4, TF 1-85	FM	Web gear, 9mm mauser rifle, concussion grenades and presumed personal letter and effects found on enemy KIA. Items tagged with time and location found by plt members. Request disposition.
1886	122144	S4, 1-46 FA	S4, Div Arty	TEL	Need 120 ea BA-30 batteries for immediate installation. Batteries on hand are extremely weak causing telephone communications problems.
1889	122157	S1, FT 1-6	S1, 1st Bde	RATT	Straggler Report on SGT Frank L. Wright, A/53d Engr.
1891	122159	12 Spt Gp	DAO, 53d Div	TEL	All 2.75 FFAR must be exchanged for the new improved model NLT 130900SN0V73. Forward requirements to reach this hqs NLT 130300SN0V73.
1900	122220	Tm B, TF 1-85	S1, TF 1-85	FM	I have four individuals who refuse to go out on patrol. Their rights have been read to them, and they realize what their actions mean. Request disposition instructions.

Figure 2-59 (cont). Traceable events (extracted from Test 119 Scenario).

TE #	ENTRY TIME	FROM	TO	MODE	EVENT
1902	122222	S4, 1-49 FA	S4, Div Arty	TEL	Replacements are arriving without certain TA 50-901 items. Request the following items be provided this unit to replace deficiencies: 31 - Helmet, steel; 50 - Mattress, air; 24 - Mask, protective, M17; 78 - Pouch, ammo. Request CIF insure all individuals have complete issue before departing Div Rear.
1908	122255	S4, 1-46 FA	S4, Div Arty	TEL	Request convoy clearance for ammo resupply. SP is 1-46 trains, SP time: 130605 hrs, destination: ASP.
1909	122257	Co, Res Bde	PMO, Div	RATT	Have found a five acre field of marijuana vic (TBD). Request you investigate and dispose of this field.
1910	122300	Maint or S&T Bn	S2, DISCOM	TEL	Admin Note: (DISCOM, Bn Controller sends to S2, DISCOM) Intel controller, in coordination with support controller, enter event from subordinate bn S2 (maint bn or S&T bn) depicting suspected sabotage/ guerrilla activity in div support area. Report that incendiary devices detonated in a DISCOM activity at 122240 and that these devices resist normal fire extinguisher efforts to extinguish. Suspect new-type flame-producing explosive, probably set with a time fuse.
1916	122323	S4, 1-89	S4, 1st Bn	TEL	TI of all M-11 Decom Apparatus in this bn indicates that most dispensers contain an expended CO2 capsule or are missing the cylinder all together. Approximately 40% of all M-11's on our vehicles are inoperative because of CO2 cylinders. Request your assistance in acquiring replacement cylinders.

Figure 2-59 (cont). Traceable events (extracted from Test 119 Scenario).

TE #	ENTRY TIME	FROM	TO	MODE	EVENT
1932	130013	Co A, 1-85	S1, TF 1-85	FM	I have a large number of soldiers who need new ID cards since they have been involuntarily extended. They are not being allowed to use field PX facilities due to expired cards. Request arrangements be made to renew approximately 15 cards.
1933	130021	S4, TF 1-6	S4, Bde	TEL	Why can't we get chain link fence for standoff. Everytime I ask for it I get a run-around.
1939	130045	S1, 3d Bde	G1, Div	RATT	Straggler report on SGT Byrd E. Watcher, believed to be from B, 1-442 ADA (C/V).
1949	130101	G2, 54 Mech Div	G2, Div	RATT	Linecrosser from Kopper1 (PL 4149) reports much artillery approximately 5km west of town. (F-6)
1958	130146	S4, 2d Bde	DT0	TEL	Request two additional 2 1/2 ton cargo vehicles be provided this unit. Trucks will be used to augment bde HHC transportation assets. Vehicles will be used to make administrative runs from the bde trains area to the div rear. Request vehicles be available at HHC, 2d Bde at 131545 hrs.
1963	130159	LNO, 1-442	DACE	AM	Hostile Aircraft Warning Air Defense Warning Red A. Few AC C. PL 1857 & PL 2756 E. 500 ft AGL B. Inbound D. S
1976	130214	G1, Corps	G1, Div	RATT	Senator Scrooge plans to visit the division and wants to visit DISCOM during period 150800-161700. Request proposed itinerary.

Figure 2-59 (cont). Traceable events (extracted from Test 119 Scenario).1

TE #	ENTRY TIME	FROM	TO	MODE	EVENT
1977	130215	Co, 12th Gp	DAO	RATT	Your 155mm/SRC/5KT must be returned to the 904th SASP at once for inspection. Replacement will be provided from inspected rounds when yours are turned in.
3240	130302	ASA	G2	Courier	SIG SEC report (classified).
1986	130303	S4, 1-49 FA	S4, Div Arty	TEL	Float transmitters for AN/VRC-46 radio set depleted. Request contact team for on-site repair.
1987	130310	S2, Right Bn	S2, Right Bde	FM	Group of refugees from Meridian state enemy has destroyed the bridge completely across the Bosque. Cannot cross over at this time. Refugees leaving Meridian due to lack of food and cruelty of enemy troops. Several civilians have been killed for failing to assist the enemy. (F2)
1993	130339	C, TF 1-85	S4, TF 1-85	FM	The people in my company have reported 7.62mm unserviceable ammo for the M60. The problems appears to be ruptured cartridges.
1996	130400	S3, S&T Bn	S3, DISCOM		Request convoy clearance for resupply convoy from div Class II and IV supply point to 3d bde trains area. SP time 131800 hrs.
2005	130427	PMO, Corps	PMO, Div	RATT	Request current locations of your div TCP's and current trace of MSR to include tie-in with corps MSR NLT 130800.

Figure 2-59 (cont). Traceable events (extracted from Test 119 Scenario).

TE #	ENTRY TIME	FROM	TO	MODE	EVENT
2019	130500	Controller, DISCOM Bn	S2, DISCOM	FM	Admin Note: (DISCOM bn S2 sends to DISCOM S2) (FM) Intel controller, in coordination with support controller, enter event from maint bn or S&T bn S2 to DISCOM S2, depicting guerrilla activity in div support area (behind bde rear boundary). (Possible events: small arm/small caliber mortar fire on installations, vehicle parks, convoys; MSR: sabotage of bridges, vehicles, installations.)
2025	130530	Co Controller	S2, Player Bn	FM	Patrol vic PL 222355 reports rapid rise of water on Bosque River.
2033	130600	COSCOM	G4, 53d Div	RATT	Admin Note: COSCOM control will require disposition or pickup instructions from the div for resupply of major items of equipment. Quantities available will be determined based upon current logistic requirements of the div and COSCOM maintenance and resupply capability.
2040	130600	G2, Corps Arty	S2, Div Arty	RATT	Counter mortar/counterbattery target list: 122mm Mortar Co PL 006502 122 How Btrys PL 216465 CP, 1/222 Arty PL 238430 PL 241463 (122 How) PL 154509 122 Rkt Btry PL 105575 1 Btry PL 012541 2 Btry PL 035548 3 Btry PL 031539 152 How Btrys PL 097511 PL 121499
2047	130619	S4, Mech Bn	S4, 1st Bde	FM	Exceeding my ASR on 81mm mortar. Will need resupply within the next 6 hours.

Figure 2-59 (cont). Traceable events (extracted from Test 119 Scenario).

TE #	ENTRY TIME	FROM	TO	MODE	EVENT
2054	130650	ASA Control	All Contr	FM	Admin Note: The 53d Mech Div Hqs is being electronically jammed on the following nets from 130650 to 130725 Div CG Cmd Net, FM voice Div Ops Net, RATT Div TOC Net, AM voice VHF Link Div Main to TAC CP Controller will not switch frequencies until instructed to do so by player net control or control hqs.
2059	130700	G3, Corps Arty	S3, Div Arty	RATT	Request a consolidated list of all proposed NFL's in your div when final objectives have been taken.
2067	130707	S4, 1-49 FA	S4, Div Arty	FM	Battery, BA-30 situation becoming critical. Rotation of batteries from minimum essential to essential equipment now in operation. Need 180 batteries for immediate installation on essential equipment.
2073	130727	LNO, 1-442	DACE	AM	Hostile Aircraft Warning Air Defense Warning Red A. Many A/C B. Inbound C. PL 0371 & PL 2671 at 07.0 D. S E. 800 feet AGL
2075	130730	S3, Right Bn	S3, Right Bde	FM	Four enemy aircraft passed over lead elements from north to south, at PL 272311.
2078	130732	C0, Player Bn	S2, Right Bde	FM	Admin Note: Co Cdr, Player bn reports to S2 right bde on types of boobytraps encountered at 130731 hrs. Submit report in a reasonable period of time. (Include trip-wired grenades with CS-type gas).

Figure 2-59 (cont). Traceable events (extracted from Test 119 Scenario).

TE #	ENTRY TIME	FROM	TO	MODE	EVENT
2080	130744	S&T Bn	S3, DISCOM	TEL	Admin Instruction: Report to S3, DISCOM that four each 10,000 gal bladders, 1 - 350 gpm pump, 1 - 350 gpm filter separator, 30 feet of hose and three each refueling station arms heavily damaged or destroyed.
2083	130759	CO, Tm B TF 1-85	S1, TF 1-85	FM	Sometime around 130600 Nov three civilians stole a 1/4 ton trk, B9 and its trailer, B10. Request that the div PMO be notified and a search be instituted for it. The vehicle had been locked, but the lock had been removed with bolt cutters. The vehicle has a VRC-47 on it.
2086	130800	DASC	TASE	HF	We have a damaged F4 returning from an interdiction target on the deck. It will cross the FEBA on the deck vice left bn, left bn in 06 minutes. Request you advise ground elements.
2091	130808	A, TF 1-85	S4, TF 1-85	FM	Need the following CTA50-901 items lost or stolen by refugees. Directives against fraternization and measures for safeguards issued to troops. Sleeping bag - 19 ea Case, sleeping bag - 23 ea Poncho - 11 ea Canteen - 8 ea Mess kit - 9 ea
2098	130831	9041 Ord Co	DAO	TEL	You must return your .5 and 1 Kt ADM's to this unit for inspection. Replacements will not be issued until after turn-in. This must be accomplished NLT 131400 hrs Nov 73.

Figure 2-59 (cont). Traceable events (extracted from Test 119 Scenario).

TE #	ENTRY TIME	FROM	TO	MODE	EVENT
2100	130845	S3, Left Bn	S3, Right Bde	FM	Observed enemy mech plat moving east to west vic PL 2437 at 130844. Engaging with arty.
2105	130855	S3, S&T Bn	S3, DISCOM	TEL	Request one additional 2 1/2T trk to augment evacuation of deceased personnel from the forward collection points to the div collection point. Vehicle should report to div GREG collection point at 131600 hrs. Vehicle will be needed for approximately 2 days.
2111	130917	CO, 53d S&T Bn	S1, DISCOM	RATT	Sir, Civilian was shot and wounded while trying to steal a 5 gal can of gas. Civilian being treated by medic and will be turned over to MP's.
2112	130920	S3, Left Bde	G3 Ops, Div	FM	Request AF lay smoke screen. Every time a vehicle becomes visible to the enemy he pours on arty. We need to blind him until we can close with him.
2120	130959	S2, Left Bn	S2, Right Bde	FM	Forward elements report Bosque River fordable at this time. Water depth approx three feet. Current 1m per second.
2121	131000	S3, S&T Bn	S3, DISCOM	TEL	Cannot continue full-scale operation of the FSSP because of damage from air-strike. 2/3 of our fuel storage capability has been destroyed. Request at least 4 additional 5000 gal tankers be provided the div to augment operations until FSSP can be put back into full service.
2127	131015	288 ASA Co	SSE/EWE, Div	RATT	<u>Admin Note:</u> (288 ASA Co sends to SSE/EWE, Div by RATT) Provide tentative location and ID of bn size unit. Location to be of interest to player bde.

Figure 2-59 (cont). Traceable events (extracted from Test 119 Scenario).

TE #	ENTRY TIME	FROM	TO	MODE	EVENT
2134	131028	Co, TF 1-6	S1, 1st Bde	FM	I have had several troops ask me what is going to happen to their dependents' ID cards now that they have been involuntarily extended and their cards are expiring. What should I tell them?
2139	131045	S2, Right Bn	S2, Right Bde	FM	Est Mech Co vic PL 3034.
2149	131126	G2, Corps	G2, Div	RATT	<u>Admin Note:</u> Insert msg on possible sabotage of supplies.
2165	131229	S4, 1-49 FA	S4, Div Arty	FM	Urgently need communications contact team to work on transmitters for AN/VRC-46 radio sets. This is a follow-up request.
2171	131248	DASC	TASE	HF	A damaged F4 will cross into friendly territory vic PL 0435. Request ground units be advised that the aircraft (ETA 131254 Nov) is friendly.
2174	131254	CO, A, 1-85	S1, TF 1-85	FM	One of my men, SP4 Harry Hopkins, 291-30-7422, just shot and killed an unidentified civilian who was stealing C-rations from our combat trains. The civilian fired at Hopkins once with a pistol. Request PMO investigate to clear my guard.
2175	131300	288 ASA Co	SSE/EWE	RATT	<u>Admin Note:</u> Submit location of U/I bn CP.
2186	131313	B, TF 1-85	S4, TF 1-85	FM	Packaged MOGAS arriving from Class III in damaged 55 gal drums with approx 40% loss of fuel. Need 5 drums of fuel to replace lost fuel.

Figure 2-59 (cont). Traceable events (extracted from Test 119 Scenario).

IE #	ENTRY TIME	FROM	TO	MODE	EVENT
2187	131313	288 ASA Co	SSE/EWE, Div	RATT	Admin Note: (288th ASA Co sends to SSE/EWE by RATT.) Provide report to the effect that aggressor units are being told to handle CB munitions with extreme care in the field to avoid accidental discharge.
2188	131326	S4, Bn	S4, 1st Bde	TEL	Request assistance in obtaining new CVC helmets. Maint DSU says they should be turned in. We have approx 15 that are unserviceable.
2191	131339	Maint Bn	S3, DISCOM	TEL	Recommend 10% of all 5T trks in the div be withheld from operation each day. We're building up a maint backlog and supply units are running them into the ground.
2198	131358	S1, 53d S&T Bn	S1, DISCOM	RATT	Straggler report on SGT Chester A. Arthur, 366th Cml.
2224	131441	AG, Div	S1, 1st Bde	TEL	Four more pers from your unit, this time from D, TF 1-85 mech, have arrived for separation. This is the second time pers from one of your units have arrived for separation since all personnel were involuntarily extended for 120 days. Take appropriate action to keep this from happening again.
2229	131455	S4, 1-442	DT0	TEL	Request 2 additional vehicles, 2 1/2T or 5T SP, to assist in resupply of the bn. Our organic trans is committed. Vehicles should report to the bn trains area at 140600. Vehicles will be needed until mission requirements are met, approximately 4 days.

Figure 2-59 (cont). Traceable events (extracted from Test 119 Scenario).

TE #	ENTRY TIME	FROM	TO	MODE	EVENT
2237	131515	S4, 1-89	S4, 1st Bde	TEL	Have found the following: 2 tons medical supplies (approx) 6 tons ammo (all small arms) 1 ton wpns and repair parts 9 tons Need trans to move items.
2239	131518	Ag, Div	G1, Div	TEL	Current stock of IBM cards has been completely ruined due to a water leak. Request highest priority be given to replenishment of stock. Without these cards, the replacement system requisitioning and assignments cannot be made.
2242	131531	S4, 3d Bde	G4, Div	TEL	One of our units has discovered a quantity (8) of cylinders with foreign markings. Only identification is skull and cross-bones on one cylinder. Request assistance in identification and evacuation.
2245	131545	S2, Left Bn	S2, Right Bde	FM	In contact with est company vic PL 255400.
2248	131603	S1, 53d Maint Bn	S1, DISCOM	TEL	Request for 12 softball bats, 30 softballs, 3 volleyball nets and 4 volleyballs for bn A&R program.
2251	131609	AG, Div	S1, Div Arty	RATT	Congressional inquiry from Senator Corn Pone reference nonpayment of debt owed by SFC Herb A. Jackson, HSB, 1-49 FA to Ima Crook Jewelers.
2252	131610	S2, Left Bn	S2, Right Bde	FM	Est that this bn is presently faced by major elements of an agg mech bn.

Figure 2-59 (cont). Traceable events (extracted from Test 119 Scenario).

TE #	ENTRY TIME	FROM	TO	MODE	EVENT
2253	131620	G4, Corps	G4, Div	RATT	Corps units have been experiencing many 105mm, main gun, M-60 tank, expended cartridges being stuck in the tube. Request a sample of the rounds and one of the gun tubes be made available to the 2100 hvy equip maint co contact team. Maint pers will check both ammo and tube to try to resolve problem.
2263	131655	S4, 1-24 Cav	DT0	TEL	Request one 2 1/2T trk be provided this unit for the evacuation of captured supplies. At present, we are using organic trans. However, vehicle D/L and mission requirements necessitate an augmentation for evacuation of captured material. Vehicle should report to our trains area at 140700. Need vehicle approx 2 days.
2265	131700	S3, Left Bde	DIV TASE	FM	<u>Admin Note:</u> Consider request for immediate air strike on Flat Top Mountain (PL 1145). Coord for arty fire missions.
2266	131700	G2, Corps	G2, Div	Courier	<u>Admin Note:</u> Submit by courier to div G2 msg and photos reference photo of missile site vic Granbury.
2268	131715	IPW Tm, Right Bde	S2, Right Bde	MSGR	<u>Admin Note:</u> (IPW Tm, Rt bde sends to S2, Rt Bde by MSGR). Submit IPW report on SGT captured at 131620 Nov indicating that his bn was to make a passage of lines and break contact and proceed north to an assembly area.
2269	131717	D, TF 1-85	S4, TF 1-85	FM	Have 14 ea 4.2 HE misfired rounds, lot#LOP 53-8. Request you replace this lot with new lot.
2271	131728	G2, Corps	G2, Div	RATT	Agent reports agg agents plan to use females hitchhiking to entice truck drivers to stop on road, then hijack supplies and kill driver.

Figure 2-59 (cont). Traceable events (extracted from Test 119 Scenario).

TE #	ENTRY TIME	FROM	TO	MODE	EVENT
2276	131744	DASC	TASE	HF	Advise ground elements that friendly interceptors will be engaging enemy air to north of 53d div. Fire at enemy air but not ours.
2280	131750	S3, Left Bde	G3 Ops, Div	FM	Hostile Aircraft Warning Air Defense Warning Red A. 4 A/C C. PL 0734 E. 1000 feet B. Inbound D. South
2282	131755	PMO, Corps	PMO, Div	RATT	The corps CofS went through Gatesville today and observed two TCP's in town. At one TCP, pers were asleep, and at the second TCP, one MP had his helmet and shirt off and another needed clean fatigues and a shave. Straighten up the appearance and functioning of your TCP's.
2291	131800	G2, 53d Mech	G2, Div	RATT	Guerrilla activity continues in rear area. Mail trk found burning, 2 US KIA. Appears to have blown up. Suspect explosive device possibly thrown into trk from roadside or at stop.
2293	131802	Maint Bn	S3, DISCOM	TEL	Admin Instructions: Report, to S3 DISCOM, that 2 M-127 S&T were destroyed by air strike at 1750. They contained 50% of the ASL.
2298	131829	S4, Bn	S4, 1st Bde	TEL	My C company sent some people back to the bath point and were turned away. Can't afford to release people to return to the rear and have them waste time. Req some type schedule be set up for the point.

Figure 2-59 (cont). Traceable events (extracted from Test 119 Scenario).

TE #	ENTRY TIME	FROM	TO	MODE	EVENT
2301	131835	S4, 3d Bde	DT0	TEL	Req 2 additional 2 1/2T trks to assist in moving troops and supplies between the bde trains and fwd elements. Req trucks report to 3d bde trains at 140530. Trks will be needed for 5 to 7 days.
2317	131920	Co Contr	S2, Player Bn	FM	Refugees from Morgan state that explosions heard earlier were the enemy destroying highway and railroad inter-sections. (F3)
2322	131953	C,TF 1-85	S1, TF 1-85	FM	We have not received any mail for over 24 hrs. This is a big morale factor. What is the problem?
2327	132000	DASC	TASE	HF	Four F-4 aircraft will cross into friendly territory from the N at 132015 Nov vic PL 2940. Advise ground elements.
2328	132000	G2, 54 Mech Div	G2, Div	RATT	Div rear subject of sabotage or guerrilla action. Three US KIA in explosion and fire in which div AG mail facility was damaged. Search of area could locate no unauthorized personnel.
2336	132030	S2, Left Bde	G2, Div	FM	Seriously wounded prisoner captured vic Flat Top Mt (PL 1145) indicated a large engr effort had been going on for several days south of Flat Top airfield (PL 1248). Just before he died, he said that trks marked "Kemia" had accompanied engr to that area (F6).
2340	132039	S1, 3d Bde	G1, Div	RATT	On 9 Nov, SP4 Kleen N. Pure, a clerk from 3d Bde, visited div hq while there he was approached by an AG clerk, SP4 I. N. Orbit, who offered to sell him some Hashish.

Figure 2-59 (cont). Traceable events (extracted from Test 119 Scenario).

TE #	ENTRY TIME	FROM	TO	MODE	EVENT
2350	132106	G1, Corps	G1, Div	RATT	Corps PM has sent word that TF 1-85 has two officers susp of being involved in blackmarket activities. Specifically, it has been alleged that they are selling radios, TV's, tobacco, and coffee to civilians. This matter is to be handled and investigated with utmost care. The officers' suspected are the CO and XO of TF 1-85.
2352	132121	B, TF 1-85	S4, TF 1-85	FM	Need 2 rolls of concertina wire and 7 ea 8' stakes to repair security wire damage when M113 rolled into wire. No damage to M113.
2355	132157	S4, 3d Bde	G4, Div	TEL	Our trks are on the road around the clock just picking up ammo. Need additional trans assets or a closer ASP.
2362	132200	S3, Left Bde	G3, Div	FM	Admin Note: Enemy minefields have been laid between Takes and E. Bosque River to create an obstacle across the entire right bn front. 1. From PL 080477 to PL 091477 2. From PL 120483 to PL 124478 3. From PL 137469 to PL 138464
2363	132201	S4, Bn	S4, 1st Bde	TEL	Communications with FAST out. Send resupplies ASAP.
2368	132230	S3, Left Bde	G3, Div	FM	Admin Note: Agg located vic Hill 1364, PL 9950, bringing effective fire on left bn throughout night. Req a boundary change to include Hill 1364 for coord of atk 140600 Nov 73.
2369	132239	ACS Maint, COSCOM	G4, Div	RATT	An urgent MW0 must be made to the M113's on the final drive assemblies, NW0 NR 66-4210-122-30.23. Installa-time is 45 min per veh. Seals are avail in maint channels.

Figure 2-59 (cont). Traceable events (extracted from Test 119 Scenario).

TE #	ENTRY TIME	FROM	TO	MODE	EVENT
2370	132242	S1, 53d Med Bn	S1, DISCOM	FM	1LT Fred E. Gross, Asst S1, has been relieved of his job. He was caught drinking Medicinal Alcohol with several clerks, and was highly intoxicated. This is the third time he has been caught in this activity and condition. Req disposition to be made of this officer.
2371	132245	G1, Corps	G1, Div	RATT	Mrs. John T. Pierce, the mother of John T. Pierce, Jr. E4, 637-21-1932, A/1-87 mech, has received the body of her son. On viewing the body she found it was not her son. Req you investigate this situation and reply NLT 141200 Nov.
2376	132315	S3, Right Bn	S3, Right Bde	FM	Harassing fires received from Morgan. Req permission to use arty on the town.
2377	132317	S1, 1-47 FA	S1, Div Arty	RATT	C, 1-47 FA caught a man in US uniform, trying to penetrate their FDC. Indiv claims to be 1LT Silas Spook, 007-07-0070, 236th MI Co. Spook states he lost his credentials and that he is making counterintel-ligence inspections throughout Div Arty. C, 1-47 FA has placed Spook under guard pending positive ID. Request asst in ID of alleged agent.
2378	132323	C0 A, 1-85	S4, 1-85	FM	Need increase of 20 rations due to feeding of POW's temporarily detained this loc due to transport problem.
2379	132342	S1, 1-49 FA	S1, Div Arty	FM	25 civilians have been found walking in a field near our CP in an apparent daze. They appear to be shell-shocked. They need warmer clothes and food. Req asst to evacuate them.

Figure 2-59 (cont.). Traceable events (extracted from Test 119 Scenario).

TE #	ENTRY TIME	FROM	TO	MODE	EVENT
2393	140021	S4, 503 Eng	G4, Div	TEL	Req approval for controlled cannibalization of equip prior to evacuation. DSU backlogs are causing extreme time lags in the repair of equipment. Qual pers are on hand to accomplish the controlling cannibalization and the repair.
2394	140026	G1, Corps	G1, Div	RATT	There has been a rash of serious incidents resulting from accidental gunshot wounds from captured enemy weapons. Individuals will no longer retain captured weapons in their possession.
2396	140039	53d MP Co	G4, Div	TEL	Due to increased convoy security requirements, req 10 additional pedestal mount M31A1.
2403	140100	G2, Corps	G2, Div	RATT	<u>Admin Note:</u> Provide agent report concerning location of Regt/Div size unit N of Obj 22.
2406	140137	S4, 1-442	G4, Div	TEL	During refueling of Chaparral carrier, fire broke out completely destroying system with 12 missiles. Driver (uninjured) stated that while refueling with 5 gal can, flex nozzle fell loose and fuel gushed from can and ignited when it came in contact with heated muffler. Official investigation initiated. Require replacement system and missiles.
2415	140216	G1, Corps	G1, Div	RATT	Req the name, rank, and SSN of all pers who have relatives in agg held areas NLT 142100 Nov.
2418	140241	S4, 1-89	S4, 1st Bde	TEL	Our unit has found approx 10 badly mutilated bodies. Can't determine if they are enemy civilian or US. Need disposition instructions.

Figure 2-59 (cont). Traceable events (extracted from Test 119 Scenario).

TE #	ENTRY TIME	FROM	TO	MODE	EVENT
2419	140247	G2, 52 Mech	G2, Div	FM	Trk entering C1 III sup point found to have explosive device with time fuse affixed to underside of veh. Investigation shows driver stopped to give directions to refugees on road.
2421	140306	PMO, Corps	PMO, Div	RATT	Msg concerning poor driving practices of div vehicles when in corps area.
2429	140400	LN0, 1-442	DACE	AM	Hostile Aircraft Warning Air Defense Warning Red A. Many A/C B. Inbound C. PL 0456/PL 1857/PL 2756 at 0359 D. All flights - S E. 500 feet AGL
2430	140400	S3, Left Bn	S3, Right Bde	FM	4 acft sighted over positions vic PL 183453. Movement from N to S.
2434	140403	S3, Right Bn	S3, Right Bde	FM	4 en acft passed over lead elements vic PL 273413 heading south. Time - 0400 (Strike to hit fwd DISCOM ele).
2436	140405	S3, Left Bde	G3 Ops, Div	FM	Hostile Aircraft Warning Air Defense Warning Red A. 4 A/C B. Inbound C. PL 0734 D. S E. 1000 feet
2446	140500	S4, 1-442	DAO	TEL	13 of our firing units are reporting erratic flt of their missiles from LOT #ZZ99-09. All missiles on hand at present are this lot. Need immediate replacement of both basic load and RSR.
2449	140500	S2, Left Bn	S2, Right Bde	FM	Refugees report en withdrawal to N; have withdrawn from Walnut Springs leaving behind only a few snipers. (F6)

Figure 2-59 (cont). Traceable events (extracted from Test 119 Scenario).

TE #	ENTRY TIME	FROM	TO	MODE	EVENT
2452	140521	G1, Corps	G1, Div	RATT	Msg announcing spec intel MOS for enl pers, listing MOS description and qualifications required to be eligible to attend the school. A list of those EM desiring to attend the next course, starting 1 Dec 73, must be provided Corps G1 NLT 151000 Nov.
2473	140627	S2, Left Bn	S2, Right Bde	FM	Admin Note: Submit SHELREP on rounds rec'd in event 2468 (140615) showing 18 rds 122mm How rec'd, other data as appropriate.
2475	140630	C0, 241st CA Co	G5, Div	TEL	4 civ were found, shot to death, in a shallow grave vic Cranfills Gap. Local citizens state they were killed by US troops. Req a board of officers to investigate.
2479	140639	LNO, 1-442	DACE	AM	Hostile Aircraft Warning Air Defense Warning Red A. Many A/C D. S B. Inbound E. 1000 feet AGL C. PL 1084/PL 1383/PL 2085 at 0638
2480	140640	S3, Left Bn	S3, Right Bde	FM	4 acft approaching psn from N to S vic PL 1850.
2483	140644	S3, Left Bde	G3 Ops, Div	FM	Hostile Aircraft Warning Air Defense Warning Red A. 4 A/C C. PL 1656 E. 1000 Feet B. Inbound D. S
2485	140644	S3, Left Bde	G3 Ops, Div	FM	Hostile Aircraft Warning Air Defense Warning Red A. 4 A/C C. PL 0456 E. 1000 feet B. Inbound D. S

Figure 2-59 (cont). Traceable events (extracted from Test 419 Scenario).

IE #	ENTRY TIME	FROM	TO	MODE	EVENT
2491	140700	G3, Corps Arty	S3, Div Arty	RATT	Send msg indicating that corps arty wants to psn a corps sgt msl bn in an area already occupied by a div spt unit.
2493	140700	G1, Corps	G1, Div	RATT	CPT H. Z. Keller, 1-48 FA, has been selected for assignment to corps SGS. SGT A. R. Pinto has been selected to be corps CG's dvr. Have these pers report to corps hq ASAP.
2499	140736	G1, Corps	G1, Div	RATT	Announcement of a second P10 Tm coming to visit the div 15 Nov from 0800 to 1800. Req the proposed itinerary be forwarded to corps NLT 142000 Nov.
2512	140801	G4, Corps	G4, Div	RATT	Admin Instructions: COSCOM Contr; 2 airstrikes at 140640 crossing FL at PL 0456 and PL1656 hit the C1 V and C1 III points for the corps. This will reduce by 40% the avail C1 V and C1 III for the remainder of the problem.
2516	140837	53d Med	Surg, Div	TEL	Increase in venereal disease among rear area pers. 20 cases of VD and fice cases of nonspecific urethritis reported yesterday. VD cases broken down as follows: Gonorrhea - 16 Syphilis - 2 Warts - 2
2524	140905	C0, B, TF	S1, TF 1-85	FM	Req 1LT Albert P. Noloss, 045-66-6969, be released and transferred from this company. He is a bumbling, incompetent, uncoordinated idiot and has done more to hinder mission accomplishment than the aggressor.
2526	140909	S3, Left Bde	G3 Ops, Div	FM	Agg minefield encountered vic PL 050508 by left bn.

Figure 2-59 (cont). Traceable events (extracted from Test 119 Scenario).

TE #	ENTRY TIME	FROM	TO	MODE	EVENT
2528	140923	S4, 2d Bde	S3, DISCOM	TEL	Clothing issued at the bath point is in worse shape than the clothing we turn in. Doesn't the div have the capability to repair clothing items before they're re-issued?
2529	140928	S1, 53d Med Bn	S1, DISCOM	FM	I have about 50 pers that I would like to send to the div rest camp for 3 days. What do I need to do to arrange this?
2531	140951	S4, 1-89	S4, 1st Bde	TEL	My people report numerous personal items missing after they use the shower point. Understand no personal items bags or containers are available at the bath point.
2536	141000	S4, Fwd Cont Bde	DA0	TEL	We are still having problems with 40mm detonating approx 30 ft from end of tube. Have check for clearance of fire line and they were clear. Need your help ASAP to solve problem. Have pulled all 40mm ammo from troops until matter is cleared.
2537	141000	S3, Left Bn	S3, Right Bde	FM	Fwd ele under air atk vic PL 1851.
2539	141003	G1, Corps	G1, Div	RATT	Mrs. John R. Whodoneit, whose son was KIA, 29 Oct, rec'd his personal effects. She says certain items were missing, specifically a 24 kt gold ring and a cross. She states she has a good political friend who would be more than willing to look into this matter if the items cannot be found. Her son was a member of 1-6 Arm. Investigate and reply NLT 150800 Nov.

Figure 2-59 (cont). Traceable events (extracted from Test 119 Scenario).

TE #	ENTRY TIME	FROM	TO	MODE	EVENT
2545	141020	AG, Div	S1, Div Arty	RATT	A reporter and 3 cameramen will visit Div Arty to make still and motion pictures of arty in action for a 15-minute documentary and articles in "Artillery Trends" and the "Army Digest." They will visit from 0730-2300 15 Nov. Req proposed itinerary NLT 150500 Nov.
2554	141053	288 ASA Co	SSE/EWE, Div	RATT	<u>Admin Note:</u> Provide indication of loc of agg MRL bn hq.
2561	141145	S3, Right Bn	S3, Right Bde	FM	Lead ele hit a minefield, lead veh destroyed. (Adjust time if nec) Submit following report later: Rpt of En Minefield: A. 6448II E. 300 M B. (Indicate time) F. AT & AW initially C. AT & AP G. Unk D. PL 302508 - PL 305508
3241	141200	S3, 3d Bde	G3 Ops	FM	FLT
2571	141230	S3, Left Bn	S3, Right Bde	FM	Enemy minefield at PL 201501. Marked and bypassed. Submit following report later. Report of Enemy Minefield: A. 6448 II E. 100 M B. As applicable F. Unk C. APERS G. Unk D. PL 201501-204502-201502-203503 Z. NA
2584	141303	Sct Plat, TF 1-85	S4, TF 1-85	FM	What is the availability of Astro-lite? Can be used for pumping into bunkers and subsequent destruction, plus liquid mines.
a 2589	141330	G2, 52d Mech Div	G2, Div	RATT	<u>Admin Note:</u> Insert report concerning suspected use of gas by enemy troops.

a TE #2587 listed after TE #2734.

Figure 2-59 (cont). Traceable events (extracted from Test 119 Scenario).

TE #	ENTRY TIME	FROM	TO	MODE	EVENT
2592	141347	S4, 3d Bde	G4, Div	TEL	A qty of en ammo to include rkts and veh have been uncovered in our area. This cache is beyond our capability to evac, need asst.
3247	141347	Corps G2	Div G2	FM	LRRP Rpt - 25 tanks moving S vic PL 137855 at 1315 hrs.
3242	141400	S3, 3d Bde	G3 Ops	FM	FLT
2607	141407	S4, 1-89	S4, 1st Bde	TEL	Req asst in getting components for the M15A1A chem agent detector kit. Discard date has been reached on detector tubes and re-agents in 2 kits. Aspirator tube in one kit is damaged.
2610	141418	G1, Corps	G1, Div	RATT	4 GAO Reps will visit the div from 160800 - 171800 Nov. They want to spend their time with DISCOM observing supply and maint procedures. Request proposed itinerary NLT 152100 Nov.
2614	141432	G2, Corps (Air)	G2, Div (R&S)	TEL	Admin Note: Submit SLAR Inflight Rpt on Corps MSN flown at 141358 hrs. Include following: Lg MTI - PL 051603, PL 081603, MTI - PL 102608, PL 053640, PL 023640, PL 142647, PL 110671, PL 024705.
2619	141457	C0 D, TF 1-85	S1, TF 1-85	FM	PVT Harold D. Worthingham III has not received any mail from his parents for two weeks. He states the last letter he received indicated that his ailing mother would possibly have to undergo major surgery. Req you contact the Red Cross to check on the situation at Worthingham's home.

Figure 2-59 (cont). Traceable events (extracted from Test 119 Scenario).

TE #	ENTRY TIME	FROM	TO	MODE	EVENT
2626	141500	S1, TF 1-6	S1, 1st Bde	FM	Where has the div rest camp been set up and how far in adv do we need to req a reservation for the bn to utilize it?
2630	141522	53d MP	PMO, Div	FM	MSR conditions congested due to refugee traffic and veh stopping and pers fraternizing with civs. Numerous thefts from stopped vehs are occurring. Req dissemination of orders restricting the stopping of vehs on MSR to official business and emergency only.
2631	141527	AG, Div	S1, Div Arty	RATT	Msg announcing recruiting program for arty EM to attend special OCS class. Req names of outstanding arty EM desiring to attend this class be furnished NLT 151200 Nov.
2632	141533	S4, 2d Bde	G4, Div	TEL	MSR from div spt area to our loc is badly in need of repair. Chuckholes are slowing supply convoys.
3248	141535	Corps G2	Div G2	FM	Agent reports en 222d Engr Bn moving SE on Hwy 144 near Grandbury. Bn is moving explosives.
2635	141600	Asst DAO	DAO, 53d Div	TEL	Have just discovered holes punched in propellent charge container for 155mm how rounds. It appears that 10% of all powder containers are holed.
3243	141600	S3, 3d Bde	G3 Ops	FM	FLT.
2643	141707	D, TF 1-85	S4, TF 1-85	TEL	Need swabs and bore cleaner for maint of indiv wpns. Swabs - 100 ea Bore cleaner - 4 cans

Figure 2-59 (cont). Traceable events (extracted from Test 119 Scenario).

TE #	ENTRY TIME	FROM	TO	MODE	EVENT
2644	141710	G2, Corps	G2, Div	RATT	Admin Note: Submit ext of corps photo recce msn locating a 203mm gun btry within range of rt bde hq. Well concealed within 1000m will be two heavily guarded ammo trks surrounded by barbed wire.
2647	141720	S1, 53d S&T Bn	S1, DISCOM	RATT	Serious incident report concerning a driver from the bn who deliberately drove his 5000 gal tanker into a roadside vegetable stand.
2651	141742	LNO, 1-442	DACE	AM	Hostile Aircraft Warning Air Defense Warning Red A. Many A/C B. Inbound C. NL 0011/NL 1112/NL 2210/NL 2913 at 1741 hrs D. S E. 1000 ft AGL
2653	141745	S3, Left Bn	S3, Right Bde	FM	8 acft sighted by lead ele vic PL 1658. Movements to S.
2654	141745	S3, Left Bn	S3, Right Bde	FM	4 acft sighted passing over psns vic PL 1857. Movement to S.
2665	141805	S4, 1-46 FA	S4, Div Arty	TEL	Admin Instructions: Inform S4, Div Arty that your CI V resupply convoy was hit by an airstrike at 1750 vic _____, and 3 5T trks and ammo trailer were destroyed along with 279 rds of 155mm HE, powder, fuses, and primer.
3249	141809	Bde	G3 Ops	FM	TAC Log Rpt.
2676	141830	DASC	TASE	HF	2 F4's, 1 damaged, will cross into friendly airspace vic PL 2960 at 141838 hrs.

Figure 2-59 (cont). Traceable events (extracted from Test 119 Scenario).

TE #	ENTRY TIME	FROM	TO	MODE	EVENT
2681	141859	S4, 1-89	S4, 1st Bde	TEL	C rations arriving with missing accessory packs and fruit. Req unsealed cases be checked for completeness before issue.
2688	141919	S4, S&T Bn	S4, DISCOM	TEL	Trk tires, all types, are becoming a critically short item. Rocky terrain and hvy loads are acusing accelerated usage.
2694	142000	G2, Corps	G2, Div	RATT	LRRPS rpt heavily (6) guarded vehs headed S on road vic PL 1580. Two marked with signs in yellow KEMIA.
3244	142000	S3, 3d Bde	G3 Ops	FM	FLT.
3245	142000	3d Bde	G3 Ops	FM	TAC Log Rpt.
3246	142000	2d Bde	G3 Ops	FM	TAC Log Rpt.
2701	142016	S1, 2d Bde	G1, Div	RATT	Req additional div asst to evac POW's prior to 2400 hrs.
2714	142132	S4, 1-89	S4, 1st Bde	TEL	Is it possible to get ballistic shield kits for the M113's? Need the protection for the gunner on the track.
2715	142138	CO A, TF 1-89	S1, TF 1-85	FM	SGT Richard G. Morse shot himself in the leg to avoid going out on a night patrol. Req a line of duty investigation be initiated.
2716	142140	G1, Corps	G1, Div	RATT	Req each div submit NLT 152000Nov the names of 50 pers for R&R to Mexico begin 1800. 23 Nov. Include name, rank, SSN and unit. Early response required to meet new regs being imposed by Mexican customs authorities.

Figure 2-59 (cont). Traceable events (extracted from Test 112 31-1-1985)

TE #	ENTRY TIME	FROM	TO	MODE	EVENT
2723	142200	S3, Left Bn	S3, Right Bde	FM	High gnd along river vic PL 2363 secured.
2728	142230	S2, S&T Bn	S2, DISCOM	TEL	Admin Note: Intel contr in coord with spt contr, enter event from S&T bn S2 to DISCOM S2, depicting guerrilla act in div spt area (behind bde rear boundary) (possible events: small arms/small caliber mortar fire on instns, veh parks, sabotage of vehs, instns.)
2729	142248	S4, TF 1-6	S4, 1st Bde	TEL	A co suffered one serious and two minor injuries as a result of installing a M63E1 barrel ext in an M73. Evidently we were issued the wrong type barrel ext.
2730	142251	S1, 1-49 FA	S1, Div Arty	RATT	Serious incident report conc the fatal shooting of the 1SG, C/1-49 FA by the btry clk in front of several wits.
2731	142258	S1, 53d Maint Bn	S1, DISCOM	TEL	Straggler rpt on 2 SP4's just caught outside the bn CP perimeter. Indivs are from 1-89 Mech, what do we do with them?
2732	142310	S1, 3d Bde	G1, Div	RATT	SP4 Frank E. Sawem, 2/C/1-86 Mech, claims that he and several other mbrs of his plt, including the plt leader, tortured and shot to death 25 civs vic Cranfills Gap. Req asst in investigating this matter.
2734	142323	IPW, 236 MI Co	G2, Div	Msgr	Admin Note: (236 MI Co sends to G2, Div by msgr). Provide PW rpt giving loc, str, and ID of en bn in reserve posture (of interest to player bn).
2587	141327	AG, Div	S1, 1st Bde	RATT	Congressional inquiry triggered by a letter from PFC Fooled M. All, B, 1-6 Arm, to Sen Muskrat claiming physical mistreatment by his platoon leader. Investigate charges and reply NLT 150800.

Figure 2-59 (cont). Traceable events (extracted from Test 119 Scenario).

TE #	ENTRY TIME	FROM	TO	MODE	EVENT
2750	150001	S4, 1-442	S3, DISCOM	TEL	Last ammo resup rec'd mix ball and tracer 5.56mm instead of ball in one case LOT#TW 14907.
2751	150010	G2, Corps	G2, Div	RATT	Agt Rpt. Agt in Glen Rose (PL 1766) rpts that on 13 Nov he heard agg soldiers wearing engr insignia bragging to local bargirl that US tankers will be cooked in their tanks by a new wpn. (F6)
2755	150037	S4, 1-48 FA	S4, Div Arty	TEL	Need PLL repair parts for our field ranges.
2767	150137	A, TF -185	S4, TF 1-85	TEL	Am receiving plenty of pork and poultry products but hardly any beef. Can we get any beefsteaks, roasts, or hamburger?
2779	150247	S1, 53d Maint Bn	S1, DISCOM	TEL	We have caught a local farmer trying to steal one of our 1.5 KW generators. He had it loaded in his pickup truck. What should we do with him?
2780	150247	S4, Maint Bn TF	S4, 1st Bde	TEL	Why can't some of our damaged items be exchanged for maint float? Maint bn has a lg number of maint float times available.
2781	150250	S1, 1-45 FA	S1, Div Arty	RATT	Straggler rpt on 2LT Rong Whey Corrigan, A/500 Engr, 52d Mech Div unit requests inst on how to handle him.
2786	150351	Controller Bde on FEBA	G1, Div	FM	Four civ women were found in a shack along the MSR in the fwd bde area. The women are refugees from Chalk Mt and are selling their favors. What should we do with them?

Figure 2-59 (cont). Traceable events (extracted from Test 119 Scenario).

TE #	ENTRY TIME	FROM	TO	MODE	EVENT
2787	150359	S4, 1-89	S4, 1st Bde	FM	Seven ea inserts for food containers, insulated are unserviceable but the FAST cannot find FSN for repl. Recommend we turn the food containers in and reorder repls. Food containers are serviceable, only inserts unserviceable. Can you asst?
2793	150415	AG, Div	S1, 1st Bde	RATT	Your bde has 7 OER's due which have not been rec'd by div. Five OER's are from 1-85 Mech, one from 1-89 Mech and one from 1-6 Arm. Req immed action to complete and fwd them to div ASAP. All 7 OER's are past DA suspense.
2799	150459	G2, 52 Mech Div	G2, Div	RATT	Our DISCOM S2 rpts capturing 2 agg agts with time-fused incendiary and explosive devices in an attempt to infiltrate sup point. They were concealed in crates on trk returning to sup point.
2806	150523	S4, Arm Bn/ TF	S4, 1st Bde	TEL	Two of 4.2" mortars have developed hairline cracks. DSJ can't repair or replace at this time. Need asst in getting new tubes.
2807	150526	S1, 1-47 FA	S1, Div Arty	FM	We are having problems with civ refugees trying to get into bn CP for food. There are 15 of them. How about sending some MP's to get them out of our area.
2808	150532	A, TF 1-85	S4, TF 1-85	FM	Are driver's windshields for the M113's available in sup channels? Dusty conditions are causing driver problems in seeing.

Figure 2-59 (cont). Traceable events (extracted from Test 119 Scenario).

TE #	ENTRY TIME	FROM	TO	MODE	EVENT
2809	150542	AG, Div	S1, DISCOM	RATT	PFC Loren D. Reed, 53d Fin Co, has not written his mother for 6 wks, and hasn't sent her any money for 2 mos. She is afraid her son is sick, also, hse has no money as he is her sole means of spt. Req you investigate and have Reed write his mother. Rpt results NLT 152000 Nov.
2832	150648	LNO, 1-442	DACE	AM	Hostile Aircraft Warning Air Defense Warning Red A. Many A/C C. NL 1112 & NL 2913 B. Inbound D. S. E. 1000 ft AGL
2835	150653	G1, Corps	G1, Div	RATT	A PIO tm from the Arty and Msl Sch will arrive at your loc at 170800 Nov. The tm consists of 4 persons, and they desire to spend their time with Div Arty units. Will depart div 181300 Nov. Req you fwd proposed itinerary to this hq NLT 160900 Nov.
2838	150659	G4, Corps	G4, Div	RATT	The following Lot# of TOW msIs be ret for inspection ASAP. BD-218-4 BD-218-8 BD-218-5 BD-218-9 These Lot#'s are not to be fired except for emer cbt only. Repls may be drawn upon notification to the ASP of qty needed.
2849	150744	FASCO, 1st Bde	S3, DISCOM	TEL	Numerous req for beef products. Can you check out what the problem is. No delivery of beef in 4 days.
2851	150759	S4, 1-47 FA	S4, Div Arty	TEL	Our PLL, especially for wheel vehs, is inadequate. Req a 30% increase in stockage items.

Figure 2-59 (cont). Traceable events (extracted from Test 119 Scenario).

TE #	ENTRY TIME	FROM	TO	MODE	EVENT
2856	150800	G3, Corps Arty	S3, Div Arty	TEL	(Coord w/player co's contr) Req a new firing psn for a corps bn in the player fld trains loc.
2860	150808	AG, Div	S1, All Bde's Div Arty & DISCOM	RATT	Req name, rank, SSN and units of 10 indivs per bde sized unit for a special R&R trip to Mexico beginning 170800 Nov. This info required NLT 160800 Nov.
2865	150823	PMO, Corps	PMO, Div	RATT	Rpts have reached this hq indicating that certain of your MP's have been mistreating POW's. Rpts indicate POW's have been tied to jeep hoods and also dragged behind jeeps. A reporter for Rampart Magazine, Sammy Slyme, states he has photos of mistreatment of POW's, and will release them to the media in 48 hrs. Req you investigate rpts and confirm or deny NLT 160400 Nov.
2869	150854	FASCO, 3d Bde	S4, DISCOM	TEL	DSU maint shops are hurting for oxygen and acetylene. Need at least 5 tanks of oxygen and 4 of acetylene.
2872	150900	C0 Tm C, TF 1-85	S1, TF 1-85	FM	Straggler Rpt on two dazed soldiers, a SGT and a SP4 from A/503d Engr. Found in co rear. Req disposition.
2875	150910	G1, Corps	G1, Div	RATT	Cong inquiry from Sen Gas Payne, Los Angeles, CA, ref a complaint from one of his constituents, the Slick Willy Car Sales Co., that alleges SGT Randy Ronson, 53d Med Bn, is in arrears on his payments for a 1963 Edsel. Investigate and reply NLT 152200 Nov.
2879	150933	288 ASA Co	SSE/EWE, Div	RATT	<u>Admin Note:</u> Submit rpt indicating that an agg SSM unit (nuclear capable) is located within range of 53d Mech Div Hqs and is active.

Figure 2-59 (cont). Traceable events (extracted from Test 119 Scenario).

TE #	ENTRY TIME	FROM	TO	MODE	EVENT
2891	151013	S4, 1-24 Cav	DAO, Div	TEL	Have you had any rpts of main gun msl failures from other units. We have had 6 misfires on Lot#PE 61-61.
2896	151039	53d Fin	S4, DISCOM	TEL	Sup pt will not honor our req for 12 rolls of concertina due to our loc in the rear area. The concertina is nec to provide security fencing to safeguard funds. Need our req approved.
2897	151042	AG, Div	S1, DISCOM	RATT	Cong inquiry from Rep Silversand of AZ. SGT George Whitsell, HHC, 3d Bde, wrote to him and complained that SP6 Pill O. Roller, 53d Med Bn has been selling morphine to pers in his sec. Req you investigate these charges and reply NLT 160800 Nov.
2903	151111	S4, S3, S&T Bn	S3, DISCOM	TEL	Req asst in coord the loan of 8 ea 5T trk tractor for a 48-hour period effective <u> </u> . Deadlined vehs and scheduled maint have caused problems in carrying out our mission. We have slipped the scheduled maint dates to the pt that scheduled maint is imperative.
2904	151111	G2, Corps	G2, Div	RATT	<u>Admin Note:</u> Provide Agt Rpt concerning loc and ID OF en reserve div.
2909	151159	S4, 1-48 FA	S4, Div Arty	TEL	Req contact tms bring more repair parts when they visit btry's. If they have part, the item of equip can be fixed on the spot.
2910	151159	Co Contr	S2, Player Bn	FM	Local civ advises she overheard agg officers discussing accident in arty unit where a "special" round ruptured and troops around "tripped out" like they were on LSD.

Figure 2-59 (cont). Traceable events (extracted from Test 119 Scenario).

TE #	ENTRY TIME	FROM	TO	MODE	EVENT
2915	151212	MP P1t	DT0	TEL	We have noticed numerous vehs halted along the MSR. When investigated, pers are found eating or purchasing items in civ establishments. Unguarded vehs are also susp of having been bobby-trapped. Req more emphasis be put on convoy control and scheduling.
2916	151213	G4, Corps	G4, Div	RATT	<u>Admin Note:</u> Put out new ASR to 53d Div.
2920	151231	S4, Armor Bn	S4, 1st Bde	TEL	Seems we've been coming up short on rations the past two days. Cooks claim C1 I breakdown people are holding out some items for trading with civs.
2921	151243	S4, 53d Sig Bn	S3, DISCOM	TEL	Last shipment of teletype paper, 5 copy, canary yellow rec'd by this unit was unserviceable due to water damage. Req immed re-issue of 3 cases of this paper. Have enough for 12 hrs of operation.
7005	151247		Alt	NA	Chg of control from div TAC CP to Alt.
2932	151300	S1, 53d Maint Bn	S1, DISCOM	TEL	Req for orders assigning 3 new repls to the bn.
2933	151301	FASCO	S4, DISCOM	TEL	DSU maint out of universal joints for 1/4T trks. Presently exchanging front universal joints to rear to make them cbt serviceable.
2934	151313	S4, 1-24	G4, Div	TEL	Six of our 9 - 500 gal drums are in poor condition. The drums have been repaired several times. Sup says we must have drums TI'd and declared unserviceable before we can requisition new ones. Req your asst in obtaining new drums prior to turning in old ones. Lack of drums will hamper cbt ops.

Figure 2-59 (cont). Traceable events (extracted from Test 119 Scenario).

TE #	ENTRY TIME	FROM	TO	MODE	EVENT
2938	151329	S4, 1-45 FA	S4, Div Arty	TEL	We are required to turn in our salvaged vehs complete and receiving repls stripped. Why? This situation is putting us in a bind.
2940	151348	288 ASA Co	SSE/EWE, Div	RATT	<u>Admin Note:</u> Submit data indicating that a div level maint unit has a critical shortage of tracked veh spare parts.
2942	151350	S3, Left Bn	S3, Right Bde	FM	Minefield located at PL 203688. <u>Admin Note:</u> Submit following rpt later: (30 min) Rpt of En Minefield. A. 6448I E. 350 M B. As applicable F. Unk C. APERS G. Unk D. 203688/205688/203691/205692 Z. NA
2943	151352	B, TF 1-85	S4, TF 1-85	FM	Ration trk dvr and "shotgun" beaten by refugees when they were stopped by approx 50 refugees who refused to get out of road. Trk looted of all rations. Dvr and shotgun treated by medics and returned to duty. Need repl of 25 cases of C rations to be used instead of looted "A's".
2946	151400	S3, Maneuver Bn's	S3, Bde	FM	<u>Admin Note:</u> FLT due at bde.
2947	151400	Arty Bn, 1-45	Div Arty	FM	<u>Admin Note:</u> Arty psn rpt due at Div Arty.
2960	151418	S1, 1-48 FA	S1, Div Arty	TEL	Pay increases for 13 of my men did not go into effect last month. All of them went over 4 yrs last mo and their pay vouchers did not reflect any chg.

Figure 2-59 (cont). Traceable events (extracted from Test 119 Scenario).

TE #	ENTRY TIME	FROM	TO	MODE	EVENT
2965	151439	S4, Armor Bn TF	S4, 1st Bde	TEL	The last batch of DF-2 we drew had a lot of foreign material in it.
2978	151525	S1, 1-49 FA	S1, Div Arty	FM	Req for current off-limits areas in div A0, to avoid problems with MP's.
2979	151541	S4, 2d Bde	G4, Div	TEL	Our JP-4 tanker was filled with DF-2 at the C1 III pt. 2 choppers were refueled before we caught it. Req those people take more care in distributing product.
3252	151542	Corps Intel Off	A1t G2	RATT	Susp en bn CP PL 3476 (Inflight rpt)
2980	151543	LNC, 1-442	DACE	AM	Hostile Aircraft Warning Air Defense Warning Red A. Many A/C B. Inbound C. NL 1112 & 2210 at 151542 hrs. D. S E. 1000 ft AGl
2986	151500	S1, 53d Maint Bn	S1, DISCOM	TEL	I had 3 men who went over 4 yrs this mo and their pay vouchers did not reflect this. What can we do to get them their pay raises?
7002	151600	S3, Bde	G3	FM	FLT.
2996	151630	Opns, 53d MP Co	PMO, Div	RATT	Req trans spt to transport 25 PW's to div POW collection pt at 2000 hrs tonight.
2998	151635	S4, Armor Bn	S4, 1st Bde	TEL	The last tanks we rec'd back from DSU after being repaired were missing the antennas. DSU denies knowing about it. Req asst.

Figure 2-59 (cont). Traceable events (extracted from Test 119 Scenario).

TE #	ENTRY TIME	FROM	TO	MODE	EVENT
2999	151637	CO A, TF 1-85	S1, 1st Bde	RATT	On 14 Nov, PFC Danny Duffle Bag, made a cour run to div hq. PFC D. D. Bag reported that while in the div hq area, he was approached by SP4 Ira N. Orbit, apparently an AG clk. SP4 Orbit tried to sell PFC Bag some hashish.
3006	151717	S4, 3d Bde	DT0	TEL	No avail trans on hand for 4 "Donut Dollies" stranded at this loc. Req trans and MP escort to move them to your loc.
3007	151720	S2, Right Bn	S2, Right Bde	FM	Explosions heard coming from vic Glen Rose and the Turner Bend area. Susp en is destroying bridges across the Brazos. (PL 2269 and PL 2571)
3020	151813	LNO, 1-442	DACE	AM	Hostile Aircraft warning Air Defense Warning Red A. Many A/C B. Inbound C. NL 1112 at 1812 hrs. D. S E. 800 ft AGL
3023	151815	LNO, 1-442	DACE	AM	Hostile Aircraft Warning Air Defense Warning Red A. Many A/C B. Inbound C. PL 1084 & PL 1383 at 151814 hrs D. PL 1084 - S/PL 1383 -SE E. 500 ft AGL
3031	151833	FASCO, 3d Bde	S4, DISCOM	TEL	DSU maint is having a difficult time getting cleaning solvent. DSU should get priority on the solvent, otherwise shop operation will be impaired.

Figure 2-59 (cont). Traceable events (extracted from Test 119 Scenario).

TE #	ENTRY TIME	FROM	TO	MODE	EVENT
3034	151851	S4, 503d Eng	G4, Div	TEL	Last shipment of DF-2 is susp to be contaminated. Am sending 10 gal to C1 III for check. Need repl of 2000 gal until results are rec'd.
3039	151903	S4, Res Bn, 1st Bde	S4, 1st Bde	TEL	Req sundry packs for this loc. PX trk has not been regularly stopping at this loc and when it does they are out of stock on most nec items.
3044	151927	S1, 53d Med Bn	S1, DISCOM	RATT	Serious incident rpt on stabbing of CPT Anthony by PFC Mortain in div clearing stn.
3047	151957	S1, 1-89	S1, 1st Bde	FM	2LT Ed Hall, 1-45 FA, has been relieved as a fwd observer due to insubordination. Charges will be fwd within the next 48 hrs. Req a repl from our DS arty.
3050	152000	Spt Plt Ldr, TF 1-85	S4, TF 1-85	FM	Two of my 5T (M54's) containing 12 tows, 30 cases 5.56 ball, 10 cases .45 cal, and 20 cases assorted smoke, exploded and burned. Cannot explain what caused the explosion and fire.
3052	152000	S3, Maneuver Bn's	S3, Bde	FM	<u>Admin Note:</u> FLT due at bde.
3053	152000	Arty Bn's 1-45	Div Arty	FM	<u>Admin Note:</u> Arty psn rpt due at Div Arty.
3250	152000	Spt Plt, 1-85	S4, 1-85	FM	Two 5T vehs, containing 12 tows, 30 cases 5.56 ball, 10 cases .45 cal, and 22 cases assorted smoke, exploded and burned.
3253	152000	1-45 Bn	S3, Div Arty	FM	En arty hits 1-45 CP - bn cdr dilled.

Figure 2-59 (cont). Traceable events (extracted from Test 119 Scenario).

TE #	ENTRY TIME	FROM	TO	MODE	EVENT
3055	152010	S4, 1-46 FA	S4, Div Arty	TEL	Radar out. Cannot bring in. Send contact tm. Admin Note: Radar operational at _____.
3072	152135	S1, 53d S&T Bn	S1, DISCOM	RATT	Straggler rpt on SSG Claude Balls who was found unconscious and the apparent victim of a mugger.
3076	152159	C0 B, TF 1-85	S1, TF 1-85		Req that bn replace the medic detailed to this unit. He is inept and doing more harm than good.
3081	152200	To be determined by loc of ASP	DAO	TEL	The ASP located within the div boundry appears to have just blown up. There are unexploded shells, of all cal, falling all over the rear area.
7003	152200	C0	Bn S3	FM	FLT.
3036	152233	S4, S&T Bn	S4, DISCOM	TEL	One of our 6,000 lb RT's is down. Maint bn indicates it will have to be evacuated to GS. Our capability to move pallets and hvy containers is severely restricted. Need your help in getting a repl.
3087	152240	S1, 1-48 FA	S1, Div Arty	FM	A, 1-48 FA has a SP5 Ling who claims to be a conscientious objector and is refusing to work on his howitzer anymore. How do we handle CO's?
3088	152248	FASCO	S3, DISCOM	TEL	Having problems with eles not picking up repaired items from DSU maint. Running out of space for working on deadlined items.
3091	152307	S1, 1-47 FA	S1, Div Arty	RATT	Serious incident rpt concerning the death of 1SG of C, 1-47 FA. 1SG Rough N. Tough was the victim of a fragging incident.

Figure 2-59 (cont). Traceable events (extracted from Test 119 Scenario).

TE #	ENTRY TIME	FROM	TO	MODE	EVENT
3094	152352	FASCO	S3, DISCOM	TEL	Rec'd 2 M151A2 trks with locked engines due to no oil. Drivers had wired to bypass the oil pressure switch. Req you initiate corrective action.
3097	152400	G2, 54 Mech Div	G2, Div	RATT	Admin Note: Submit Agt Rpt advising of en plan to counterattack along div boundary. (F6)
3098	160003	S4, 1-89	S4, 1st Bde	TEL	Need someone to resolve our problem concerning CVC helmets. DSU maint says turn in, sup people say keep the item and fix it. We presently have about 20 helmets we can't get fixed or turned in.
3100	160019	S4, 1-89	S4, 1st Bde	TEL	Req permission to obtain a bsc load of AT&AP mines to carry with our bsc load of ammo.
3109	160101	FASCO	S3, DISCOM	TEL	Receiving complaints from maneuver eles that up to 50% of BA 386 btry's are either dead or unserviceable. Req asst.
3110	160107	S1, 53d Maint Bn	S1, DISCOM	RATT	Serious incident rpt concerning the fragging of a PSG of the hvy maint co.
3112	160157	CO D, TF 1-85	S1, TF 1-85	FM	Two 18 yr old girls have reported to bn hq claiming that 4 soldiers from the 3d bde raped them about 152300 near Glen Rose and then transported them to our area in a trk and left them.
3113	160200	S3, Maneuver Bn's	S3, Bde	FM	Admin Note: FLT due at bde.
3115	160200	Fwd Cont Bde	DT0	TEL	Req convoy clearance for C1 V bde convoy.

Figure 2-59 (cont). Traceable evnets (extracted from Test 119 Scenario).

TE #	ENTRY TIME	FROM	TO	MODE	EVENT
3118	160202	FASCO	S3, DISCOM	TEL	DSU is receiving numerous items for repair without all components needed to check it out. Tim lag occurs until all components are received.
3119	160215	S1, 1-49 FA	S1, Div Arty	FM	Where is the nearest shower at which can we use it, and is there a clothing exchange set up near the showers?
3125	160245	CO, 12 Sup Gp	G4, Div	RATT	Req coord for the use of 8 ea 5T tractors and 3 ea 5000 gal tankers from the period 170600-171900 for re-supply of your div. Due to the hvy workload on our vehs, the above vehs will replace vehs in maint.
3126	160259	LNO, 1-442	DACE	AM	Hostile Aircraft Warning Air Defense Warning Red A. Many A/C B. Inbound C. NL 2210/2913 at 160258 D. All flights S E. 500 ft AGL
3132	160319	S1, 1-49 FA	S1, Div Arty	RATT	Straggler rpt on W2 Walter B. Haskins of 53d Engr Bn apparently he was involved in a one veh accident.
3133	160322	Maint Bn	S3, DISCOM	TEL	Units continue to ignore the fact that M113 air filters can be cleaned and reused. Units continue to request filters in excessive quantities. Req units again be advised that filter is not a single use item.
7004	160400	Co	Bn S3	FM	FLT.
3142	160437	G2, 54 Mech Div	G2, Div	RATT	<u>Admin Note:</u> Rpt that water sup at several ranches used by agg has been poisoned.

Figure 2-59 (cont.). Traceable events (extracted from Test !19 Scenario).

IE #	ENTRY TIME	FROM	TO	MODE	EVENT
3143	160442	G1, Corps	G1, Div	RATT	Msg relaying latest AR's, Ar chgs and DA Pams and Cirs concerning pers actions.
3145	160454	LNO, 1-442	DACE	AM	Hostile Aircraft Warning Air Defense Warning Red A. Many A/C B. Inbound C. NL 1112/2210/2913 at 160453 D. All flts S E. 800 ft AGL
3154	160502	ADA Control	As Required	FM	Admin Note: The Cmd Ops Sig Co will be severely atkd by an airstrike at 0502 causing the loss of all commo. This facility will be out of action for 8 hrs. Controller will coord a 6-8 A/C strike vic the div CP.
3157	160535	236 MI Co	G2, Div	RATT	Admin Note: As part of linecrosser debrief, submit data that agg troops are starting to live off the land.
3158	160539	S4, 1-46 FA	S4, Div Arty	TEL	Having numerous problems with receiving commo. Repairs beyond our capabilities, send contact tm.
6060	160600	2d Bde	G3	FM	Hvy contact w/tanks - committed reserve, vic PL 1783.
3177	160630	S2, Right Bn	S2, Right Bde	FM	Some empty containers (55 gal barrels) found by the lake vic PL 2874. Water in the lake has a peculiar color and smell. Same applies for lake at PL 2974.
3178	160633	S3, Right Bn	S3, Right Bde	FM	4 en acft attacking lead elements from PL 2675 - 3075.

Figure 2-59 (cont). Traceable events (extracted from Test 119 Scenario).

TE #	ENTRY TIME	FROM	TO	MODE	EVENT
3180	160645	ADA Control	As Required	FM	Admin Note: The div TAC CP will rec a destructive blow by either arty (if w/in range) on a 6-8 A/C airstrike destroying all cmd and commo facilities. This should cause the alt CP to take control of the div.
6061	160715	1-89	1st Bde	FM	Presently occupying and consolidating on obj 73.
6064	160745	2d Bde	G3	FM	A-1/88 secured hill 1230 at loc PL 1282.
3197	160800	S3, Bn's	S3, Bde's	FM	Admin Note: FLT due at bde.
3251	160800	Arty Bn	S3, Div Arty	FM	Arty Psn Rpt.
6062	160800	1-9	1st Bde	FM	Presently occupying and consolidating on obj Yankee.
6063	160800	G2, Corps	G2	RATT	Chief guerrilla leader going to DOC Gransville Gap this morning.
6065	160810	1-46	S3, Div Arty	FM	Loss of one MPG-414 radar coordinates 095783.
3203	160815	S3, Bde	G3, Div	FM/ RATT	Admin Note: FLT due.
6066	160815	1-45	Div Arty	FM	Btry's A & C of 1-45 have lost (destroyed) FDC veh from en arty.
6068	160815	Corps	Alt ADA E1e	FM	Early warning - 6 acft SE (inbound) 350 knot 500'.
6069	160855	2d Bde	Alt G3	FM	2 plts en tanks surrendered PL 150825.
6070	160855	1-86	Bde S3,	FM	Wpns cache and spare parts vic PL 298832.

Figure 2-59 (cont). Traceable events (extracted from Test 119 Scenario).

TE #	ENTRY TIME	FROM	TO	MODE	EVENT
3223	160957	12th Spt Gp	DA0	TEL	We need to know NLT 161100 on a one-line basis your C1 V requirements for the 17-18-19-20 Nov by type and amount.

Figure 2-59 (cont). Traceable events (extracted from Test 119 Scenario).

All Data

	G1	G2	G3	G4	Div Arty	Alt CP	DISCOM	Bde	BN
Mean staff recognition time (hours) Sample size	0.07 7	1.03 13	0.37 17	1.59 6	0.89 4	0.02 9	0.04 4	0.18 15	0.02 10
Percent mean staff recognition time less than 1hr Sample size	100 7	69 13	94 17	50 6	75 4	100 9	100 4	93 15	100 10
Mean staff reaction time available (hrs) Sample size	0.13 7	1.04 13	0.40 16	3.27 6	0.89 4	0.03 9	0.19 4	0.39 14	0.09 10
Mean staff reaction time taken (hrs) Sample size	0.10 7	1.00 13	0.40 16	2.83 6	0.88 4	0.01 4	0.15 4	0.37 4	0.07 10
Displacement									
Mean staff recognition time (hrs) Sample size	0.00 0	0.01 1	0.18 1	5.45 1	0.00 0	0.01 3	0.00 0	0.00 0	0.04 1
Percent mean staff recognition time less than 1hr Sample size	0 0	100 1	100 1	0 1	0 0	100 3	0 0	0 0	100 1
Mean staff reaction time available (hrs) Sample size	0.00 0	0.01 1	0.20 1	5.54 1	0.00 0	0.03 3	0.00 0	0.00 0	0.20 1
Mean staff reaction time taken (hrs) Sample size	0.00 0	0.00 1	0.20 1	5.50 1	0.00 0	0.01 3	0.00 0	0.00 0	0.16 1
Destruction									
Mean staff recognition time (hrs) Sample size	0.00 0	0.00 0	0.00 0	0.00 0	0.00 0	0.02 5	0.00 0	0.04 4	0.00 2

Figure 2-60. Traceable events analysis.

	G1	G2	G3	G4	Div Arty	Air CP	DISCOM	Bde	Bn
Destruction									
Percent mean staff recognition time less than 1hr	0	0	0	0	0	100	0	100	100
Sample size	0	0	0	0	0	5	0	4	2
Mean staff reaction time available (hrs)	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.10	0.00
Sample size	0	0	0	0	0	5	0	4	2
Mean staff reaction time taken (hrs)	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.10	0.00
Sample size	0	0	0	0	0	5	0	4	2
Normal operations									
Mean staff recognition time (hrs)	0.07	1.11	0.39	0.82	0.89	0.00	0.04	0.23	0.02
Sample size	7	12	16	5	4	1	4	11	7
Percent mean staff recognition time less than 1hr	100	66	93	60	75	100	100	90	100
Sample size	7	12	16	5	4	1	4	11	7
Mean staff reaction time available (hrs)	0.13	1.13	0.41	2.82	0.89	0.00	0.19	0.51	0.10
Sample size	7	12	15	5	4	1	4	10	7
Mean staff reaction time taken (hrs)	0.10	1.08	0.41	2.30	0.88	0.00	0.15	0.48	0.08
Sample size	7	12	15	5	4	1	4	10	7

Figure 2-60 (cont). Traceable events analysis.

AS AT 31 JAN 74

TRACEABLE EVENTS DETAILS
BY F. W. THRENTON

TE NO	CTLO ON	STAFF SFC DFC	DN TF FROM	T0	T1	T2	T3	T4	SEQ NO	ASTDISK	ARRIVED
1977	E6001 E6001	M0340	M2361	.00						NO	NO
			M2032	.00						NO	NO
			M2012	.00						YES	NO
			M2212	.00						NO	NO
			M2032	.00	.44					YES	YES
1903	F6001	M0030	M2312	.00	.50		.51	.53		NO	VFS
			M2032	.00	.56		.56	.58		NO	VFS
1810	F6001	M0340	M2032	.08						NO	NO
			M2302	.08	.26		.26	.43		YES	YES
			M2312	.09	.79		.86	.86		NO	VFS
1971	F6001	M0440	M2042	.20	.50		.50	2.33		YES	YES
1929	E6011 E6011	M0400	M2422	.61	.75	1.10	.76	.65	4707	NO	VFS
1931	F6001	M0120	M2122	.38						NO	NO
			M2012	.43						NO	NO
			M2112	.48						NO	NO
1935	F6011	M0201	M2252	1.30	1.00	1.13	1.10	1.11	2625	NO	YES
			M2312	1.30	1.03		1.06	1.03		NO	VFS
			M2022	1.30	1.08	1.13	1.10	1.10	2629	NO	VFS
1949	F6001	M0030	M2372	1.71						NO	NO
			M2022	1.71						NO	NO
			M2002	1.71	2.06		2.08	2.08		YES	VFS
1961	F6001	M0130	M2012	2.16	2.25		2.25	4.46		NO	VFS
			M2112	2.14	3.93		3.91	3.05		NO	VFS
			M2012	2.14	4.40		4.60	4.40		NO	VFS
1963	E6011 E6011	M0330	M2042	2.51						VFS	NO

Figure 2-61. Traceable events, all data.

SECRET 1

AS AT 31 JAN 74

PAGE NO 2

TEST 119
TRACEABLE EVENTS DETAILS
BY E M THOMAS

YR MO	CTLD PR	STAFF SEC SEC	ON TF EODM	T1	T2	T3	T4	SEQ NO	ASTRISK	APPROVED
1971	56001	00000	02000	2.51					YES	NO
			02001	2.51	2.75	2.93	2.96		NO	YES
			02012	2.51	9.00	9.06	10.00		NO	YES
			02022	2.91					NO	NO
			02042	2.91	4.44	4.66	4.75	2620	NO	YES
			02052	2.91	6.64	6.70	6.71		NO	YES
1972	56001	00000	02061	2.95	2.95	3.05	3.19		NO	YES
1975	56001	00000	02072	3.00					NO	NO
			02082	3.00					YES	NO
			02092	3.00	4.00	4.00	4.00		NO	YES
			02102	3.00	3.15	3.15	3.16		YES	YES
			02112	3.00	3.15	3.15	3.16		NO	YES
			02122	3.43	3.58	3.67	4.14		NO	YES
1984	56001	00000	02132	3.51	3.51	3.51	4.03		YES	YES
			02142	3.51	3.53	3.60	3.60		NO	YES
1986	56001	00000	02152	3.73	5.74	5.76	5.83		NO	YES
1988	56001	00010	02162	3.91	2.91	3.05	4.00	0117	NO	YES
			02172	3.91	9.00	9.06	9.11		NO	YES
1991	56001	00000	02181	3.98	3.93	3.99	4.00		YES	YES
1990	56001	00000	02192	4.10	4.33	4.35	4.51	0117	NO	YES
			02202	4.20	4.75	4.75	5.00		NO	YES
1992	56001	00000	02211	4.26					NO	NO
			02221	4.26					NO	NO
			02232	4.46	6.00	11.67	11.00		NO	YES
1999	56001	00000	02242	5.05	5.05	5.06	5.05		NO	YES
			02252	5.15	15.75	15.75	15.75		NO	YES

Figure 2-61 (cont). Traceable events, all data.

AS AT 31 JAN 74

TRACEABLE EVENTS DETAILS
BY THORNTON

VEST 110

TE NO	CTID PN	STAFF SEC OFF	ON TP EPOV	T0	T1	T2	T3	T4	SEQ NO	ASTRISK	ARRIVED
1900	F60J1	W0120	W2122	4.95	9.09		9.16	9.25		YES	YES
1910	F60H1	S0320	W2250	5.00						YES	NO
1916	F60K1	R0840	S2A21	5.00	5.14	5.25	5.33	5.36	A213	NO	YES
			S2A32	5.66						NO	NO
			A2A12	5.66	5.78		5.78	6.00		NO	YES
1919	F60C1	W0360	W2A11	5.75						NO	NO
			W2A12	5.75						NO	NO
			S2A41	5.75	5.93	5.01	5.01	6.50	A413	NO	YES
1932	E60M1	E0010	W2112	6.01						NO	NO
			A2A12	6.01	6.01		6.01	6.08		NO	YES
			E2012	6.01	6.25		6.30	7.16		NO	YES
1933	F60K1	Q0840	W2A12	6.25						NO	NO
			S2A32	6.25						NO	NO
			A2A42	6.25	6.25		6.25	6.25		NO	YES
1930	E60J1	W0130	W2112	6.75	12.29		12.33	12.41		NO	YES
1940	E60F1	W0301	W2022	7.80						NO	NO
			A2A22	7.80						NO	NO
			W2252	7.80	9.16	9.28	9.23	9.26	2625	YES	YES
			W2262	7.80	9.46	9.75	9.70	9.70	2620	YES	YES
1950	F60H1	W0420	S2A32	7.91						NO	NO
			W2A22	7.91	7.91		7.93	7.95		NO	YES
1943	F60V1	W0380	W2312	7.99	8.00		8.00	8.08		NO	YES
			W23A2	7.98	8.05		8.06	8.10		YES	YES
			A2A32	7.98	8.16		8.16	8.18		NO	YES
1976	F60C1	W0100	S2A12	9.55						NO	NO
			S2A32	9.55						NO	NO

Figure 2-61 (cont). Traceable events, all data.

REPORT 1

AS AT 31 JAN 74

TEST 119
TRACEABLE EVENTS DETAILS
BY P W THORNTON

PAGE NO 4

TF NO	CTLO DN	STAFF SEC REC	PN TF EDOM	T0	T1	T2	T3	T4	SEQ NO	ASTRISK	ARRIVED
1977	F6001	W0140	W2112	8.55	10.15		10.25	10.26		NO	YES
			W2011	8.58						YES	NO
			S2A42	9.50	10.50		10.66	11.00		NO	YES
1996	F6001	W0040	W2412	8.58	13.33		13.41	13.50		NO	YES
			S2A32	9.05						NO	NO
			W2011	9.05						NO	NO
1987	F6001	W0020	W2022	9.16	9.21	9.31	9.31	9.33	W211	YES	YES
			W2251	9.16	10.50	10.50			2625	NO	YES
			W2262	9.16	13.16	13.20	13.20	13.23	2620	YES	YES
			W23A1	9.16	13.50	14.50			3A03	NO	YES
1903	E6001 E6001	F0040	S2A32	9.56						NO	NO
			W2042	9.56						NO	NO
			E2042	9.56	9.60		9.60	9.66		NO	YES
1996	F6001	S0A30	S2A42	9.56	14.00		14.00	14.08		NO	YES
			W2422	9.83	9.83		9.85	9.86		NO	YES
2005	F6001	W0120	S2A32	9.93	10.05		10.13	10.16		NO	YES
			W2422	10.46						NO	NO
			W2122	10.46						NO	NO
			W2122	10.46	27.05		27.05	27.06		NO	YES
2019	F6001	S0A20	W2261	10.83						NO	NO
			S2A22	10.83	10.83		11.16	11.50		NO	YES
			W2252	10.83	11.75		11.83	12.00		NO	YES
2025	F6001	W0020	W2312	11.75						YES	NO
			W2261	11.75						NO	NO
			W2252	11.75	11.83		12.00	12.25		NO	YES
			W2022	11.75	11.83	11.00	11.01	11.01	W211	NO	YES

Floure 2-61 (cont) Traceable events, all data.

AS AT 31 JAN 74

TEST 110
TRACEABLE EVENTS DETAILS
BY W THORNTON

TF NO	CTLD DN	STAFF SEC REC	PM TF FORM	T0	T1	T2	T3	T4	SFO NO	ASTRISK	ARRIVED
2033	E6DCI	M0400	M2341	11.75	13.50					NO	YES
			M2311	12.00						NO	NO
			M2411	12.00						NO	NO
			B2R42	12.00						NO	NO
2040	E5E7I	M0920	M2372	12.00						NO	NO
			M2932	12.00						NO	NO
			B2R32	12.00	12.00		12.00	12.00		YES	YES
2046	F60VI	M0820	M2371	12.25						NO	NO
			M2032	12.25						NO	NO
			M2R12	12.25						NO	NO
2047	F60VI	M0840	S2A42	12.16						NO	NO
			M2R42	12.16	12.16		12.16	12.50		NO	YES
2054	E5B8I	M0100	M2112	12.83						NO	NO
2050	F60VI	M0330	M2R32	21.16						NO	NO
2067	F60VI	M0940	M2411	13.11						NO	NO
			S2A32	13.11						NO	NO
2073	E6DVI	M0130	M2011	13.11	13.16		13.10	13.18		YES	YES
			M2R31	13.45						NO	NO
			M2R31	13.45	13.45	14.50	13.45	13.46	3808	YES	YES
			M2311	13.45	13.50		13.50	13.50		NO	YES
2075	F60VI	M0830	M2R31	13.50	13.61		13.61	13.63		NO	YES
			M2R31	13.50	13.68	13.68	13.68		3808	NO	YES
2078	F60VI	F0030	M2251	14.01						NO	NO
			M2R31	14.01						NO	NO
			M2261	14.01						NO	NO
2080	F60VI	M0830	M2411	14.83						NO	NO

Figure 2-61 (cont). Traceable events. all data.

REPORT 1

TEST 119
TRAFFICABLE EVENTS DETAILS
BY P W THOMPSON

PAGE NO 6

AS AT 31 JAN 74

TF NO	CTLC DN	STAFF SEC DFC	DN TF F000	T0	T1	T2	T3	T4	SFO NO	ASTRISK	ARRIVED
2093	E6001	F0010	M2311	18.83						NO	NO
			S2A32	13.83	19.25	19.41	19.41	19.50	A213	YES	YES
			M2111	13.98						NO	NO
			M2121	13.99						NO	NO
2096	E6001	M0360	F2011	13.98	14.00	14.01	14.00	14.08	P117	NO	YES
			B2311	13.98	19.58		19.58	22.58		NO	YES
			M2361	14.00						YES	NO
			R2031	14.00						YES	NO
2091	E6001	F0040	M2311	14.00						NO	NO
			F2041	14.13	14.16		14.16	14.23		NO	YES
			B2041	14.13	14.58		15.00	15.00		NO	YES
			M2311	14.00						NO	NO
2098	E6001	M0340	S2A42	14.00	14.00		14.00	14.08		NO	YES
			S2A32	14.00	14.58		14.58	20.08		NO	YES
			B2031	14.76						NO	NO
			B2021	14.76						NO	NO
2105	E6001	S0A30	M2371	14.76						NO	NO
			M2421	19.28	19.33					NO	NO
			S2A32	13.28	19.33		19.58	19.66		NO	YES
			S2A12	15.28						NO	NO
2111	E6001	S0A10	M2171	15.28	27.58		27.58	27.61		YES	YES
			M2171	15.33	15.51		15.53	15.55		NO	YES
			M2171	15.33	15.75		15.75	15.75		NO	YES
			M2111	15.33	15.93		15.83	16.00		NO	YES
2120	E6001	F0000	M2361	15.00						NO	NO

Figure 2-61 (cont). Trafficable events, all data.

REPORT

AS AT 31 JAN 74

TF NO CTLP DN STAFF SEC DEC

DN TF FORM

TRACEABLE EVENTS DETAILS
BY R W THOMPSON

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PAGE NO 7

TF NO	CTLP DN	STAFF SEC DEC	DN TF FORM	T0	T1	T2	T3	T4	SEQ NO	ASTRISK	ARRIVED
2121	E6041	S0A30	42021	15.08						NO	NO
			42311	15.08	15.04		15.08	15.08		NO	YES
			42251	15.08	15.04		15.01	15.03		NO	YES
			42421	21.75						YES	NO
			52A32	21.75						NO	NO
2127	E6F31	40270	42022	16.25						YES	NO
			42241	15.25						YES	NO
2134	E6041	00A10	42011	16.45	17.25		17.33	17.41		NO	YES
			42111	16.45	22.25		22.26	22.33		NO	YES
2130	E6041	00A20	42251	16.75						NO	NO
			42261	16.75						NO	NO
2140	E5E71	40201	42021	16.75	15.75	15.73	16.30	16.81	4211	NO	YES
			52A32	19.71						YES	NO
			42251	19.71	23.16		23.10	23.20		NO	YES
			42261	19.71	23.25		23.25	23.25		NO	YES
2165	E6041	00A40	42411	13.50						NO	NO
			52A31	13.50						NO	NO
			42011	13.50	21.33		21.41	21.41		NO	YES
2171	E6001	40160	42312	13.30						NO	NO
			42031	13.30						NO	NO
			42461	13.40						NO	NO
2174	E6041	E0010	42111	13.00						NO	NO
			42121	13.00						NO	NO
			42011	13.00	13.01	13.05	13.01	13.00	P117	NO	YES
2175	E6041	40270	42011	13.00	13.53		13.53	22.50		NO	YES
			42271	13.00						NO	NO

Figure 2-61 (cont). Traceable events. all data.

REPORT 1

AS AT 31 JAN 74

TEST 110
TRACEABLE EVENTS DETAILS
BY P W THOMPSON

PAGE NO 8

TF NO	CTLO DN	STAFF SEC DEF	DN TF EPOW	T0	T1	T2	T3	T4	SFO NO	ASTRISK	ARRIVED
			W2371	19.00						NO	NO
			W2371	19.00						NO	NO
			W2251	19.00	30.93	30.95	30.96	30.00	2625	NO	YES
2186	F60M1	F0040	W2841	19.75						NO	NO
			F2941	19.75	20.00	20.08	20.00	20.16	P409	NO	YES
2197	F5E91	W0270	W2251	19.21						YES	NO
			W2312	19.21						NO	NO
			W2271	19.21	23.50		23.51	23.51		YES	YES
2199	F6001	Q0040	W2841	19.08	19.33		19.50	19.66		NO	YES
2191	E6DHI	S0A30	W2312	19.65						NO	NO
			W2411	19.65						NO	NO
			W2911	19.65						NO	NO
			S2A31	19.65						NO	NO
2198	F60H1	S0A10	W2111	20.00						NO	NO
			S2A11	20.00	20.41		20.41	20.58		NO	YES
2224	F6E4W	R0000	W2941	21.00						NO	NO
			F2911	21.00	29.96		30.00	30.16		YES	YES
2229	F60M1	A0000	S2A31	21.16						NO	NO
			W2421	21.16	50.66		50.68	50.70		NO	YES
2237	F60M1	R0940	W2421	21.25						NO	NO
			W2841	21.25	21.25		21.33	21.50		NO	YES
2230	F6EHC	Q100	W2111	22.00						NO	NO
			W2411	22.00						YES	NO
2242	F60J1	W0000	W2312	21.50						NO	NO
			W2311	21.50	22.00		22.16	22.16		NO	YES
2245	F61M1	R0000	W2312	21.75						NO	NO

Figure 2-61 (cont) Traceable events, all data.

ST 119
TRACEABLE EVENTS DETAILS
BY P W THORNTON

TE NO	CTLR PH	STAFF SEC REC	DN TF FORM	T0	T1	T2	T3	T4	SFO NO	ASTRISK	APRIVEN
2248	F6DHI	SOA10	M2261	21.75	21.91	21.95	21.93	21.06	P211	NO	NO
			M2251	21.75						NO	NO
			R2921	21.75						NO	YES
			M2111	22.05						NO	NO
			S2A11	22.05	22.25		22.75	22.83		NO	YES
2251	E6FHC	NO910	O2012	22.16						YES	NO
2252	E6DKI	M0400	R2821	22.16						NO	NO
			M2261	22.16						NO	NO
			M2251	22.16						NO	NO
2253	F6DHI	M0400	S2A31	22.40						NO	NO
			M2412	22.40						NO	NO
2263	F6DHI	M0420	S2A31	22.91						NO	NO
2265	E6DJI	M0360	M2421	23.00						NO	NO
2266	F5F71	M0201	M2261	22.66						NO	NO
			M2251	22.66	24.01		24.08	24.13		NO	YES
2268	F5F71	M0820	M2261	23.00						NO	NO
			M2251	23.00						NO	NO
			R2821	23.00						NO	NO
2269	F6DHI	F0840	S2A41	23.33						NO	NO
			E2041	23.33	23.33		24.50	24.66		NO	YES
			R2041	23.33	24.75		24.75	25.00		NO	YES
2271	F5F71	M0201	E2021	23.66						NO	NO
			M2261	23.66						NO	NO
			R2421	23.66						NO	NO
			S2A21	23.66	25.75		25.91	26.00		NO	YES
			M2251	23.66	31.66		31.71	31.91		NO	YES

Figure 2-61 (cont). Traceable events, all data.

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AS AT 31 JAN 74

TEST 119
TRACEABLE EVENTS DETAILS
BY P W THOMPSON

TF NO	CTLO PN	STAFF SEC DEC	PM TF FORM	T0	T1	T2	T3	T4	SEQ NO	ASTRISK	ARRIVED	PAGE NO	1C
2276	E6001	M0360	F2032	23.73									
			R2031	23.73						YES	NO		
			M2312	23.73	24.93		24.86	24.91		YES	NO		
2280	F60V1	M0360	M2312	23.83	24.08		24.08	24.16		NO	YES		
2292	F6061 E60G1	M0120	M2381	23.83	24.51		24.51			YES	YES		
2291	F5F71	M0201	S2A21	23.91						NO	NO		
			M2261	24.00						NO	NO		
			M2251	24.00						NO	NO		
2293	F6041	S0A30	M2412	24.03						YES	NO		
2298	F6041	R0R60	S2A31	24.03	24.04		24.11	24.25		NO	YES		
2301	F6011	M0620	R2042	24.48	24.75		24.75	24.78		NO	YES		
2317	F6041	F0020	S2A31	25.00						NO	NO		
			F2022	25.33	25.35		25.35	25.36		YES	YES		
			M2242	25.33	25.59	25.66	25.61	26.29		NO	YES		
			R2022	25.33	25.53	25.66	25.66	25.71	R211	NO	YES		
			M2252	25.33	31.10		31.33	31.33		NO	YES		
2322	F6041	F0010	R2012	25.88						NO	NO		
			F2012	25.98	25.93		27.00			NO	YES		
2327	F6001	M0360	R2022	26.00						YES	NO		
			M2382	26.00						NO	NO		
			M2362	26.00						YES	NO		
			M2032	26.00						NO	NO		
			S2032	26.00	16.22		16.33	16.33		YES	YES		
2329	F5F71	M0201	S2A21	26.13						NO	NO		
			M2262	26.13	30.93	30.00	20.93	29.55	26.20	NO	YES		

Figure 2-61 (cont). Traceable events, all data.

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AS AT 31 JAN 74

ST 110
TRACEABLE EVENTS DETAILS
BY P W THORNTON

PAGE NO 11

TE NO	CTLD PN	STAFF SEC DEC	PN TE F00M	T0	T1	T2	T3	T4	SFO NO	ASTRISK	ARRIVED
2334	F6011	M0201	M2252	26.13	30.75		30.81	30.81		NO	YES
			M2252	26.56	26.66		26.75	26.76		YES	YES
			M2312	26.56	26.83		26.84	26.91		NO	YES
			M2262	26.56	26.91	27.03	26.96	26.96	2629	YES	YES
2340	E60J1	M0100	M2112	26.65	30.19		30.20	30.35		NO	YES
			M2122	26.65	31.26	31.38	31.26	31.33	1203	NO	YES
2350	F6011	M0100	M2122	27.10						NO	NO
			M2112	27.10						NO	NO
			M2012	27.10						NO	NO
			F2012	27.10						NO	NO
2352	F6011	F0040	M2042	25.33						NO	NO
			F2042	25.33	25.33		25.38	25.41		NO	YES
2355	E60J1	M0400	S2A31	25.83						NO	NO
			M2412	25.83	25.93		25.91	34.25		YES	YES
2362	F6011	M0310	M2312	29.00						NO	NO
2363	F6011	M0440	M2042	29.00	29.00		29.00	29.00		NO	YES
2364	F6011	M0300	M2312	29.40	29.33		29.66	29.75		NO	YES
2367	F6011	M0400	M2312	29.65						NO	NO
			M2012	29.65						NO	NO
			S2A31	29.65						NO	NO
			M2042	29.65						NO	NO
			F2042	29.65						NO	NO
			M2412	29.65	30.25		30.33	30.58		YES	YES
2370	E60H1	S0010	M2112	29.70						NO	NO
			S2A11	29.70	29.75		29.75	29.93		NO	YES
2371	F6011	M0100	S2A31	29.75						YES	NO

Figure 2-61 (cont). Traceable events, all data.

REPORT 1

AS AT 31 JAN 74

TEST 110
TRACEABLE EVENTS DETAILS
BY P W THORNTON

PAGE NO 12

TE NO	CTLP PN	STAFF SFC REC	PN TF FORM	T0	T1	T2	T3	T4	SEQ NO	ASTRISK	ARRIVED
2376	F6DM1	R0R30	M2412	29.75						NO	NO
			M2112	29.75						NO	NO
			M2312	29.25						NO	NO
2377	F6DM1 E6001	R0R30	M2432	29.25	29.30		29.30	29.31		NO	YES
			M2262	29.28						NO	NO
			M2251	29.28						NO	NO
2378	F6DM1	F0P40	D2912	29.28	29.75		29.76	29.83		NO	YES
			D2922	29.28	34.50		34.51	34.53		NO	YES
			M2112	29.38						NO	NO
2379	F6DM1 E6001	F0P40	M2412	29.38						NO	NO
			R2R42	29.38						NO	NO
			S2A31	29.38						NO	NO
2393	F6DM1 E6001	F0P40	F2P42	29.38	29.41		29.41	29.52		NO	YES
			D2912	29.70	32.50		32.51	33.91		NO	YES
			S2A32	30.35						NO	NO
2394	F6DM1	F0P40	A2G32	30.35						NO	NO
			M2412	30.35	31.08		31.25	31.25		NO	YES
			R2B12	32.50						NO	NO
2396	F6DM1 E6001	F0P40	A2G32	32.50						NO	NO
			F2P12	32.50						NO	NO
			M2112	32.50	34.25		34.26	34.41		NO	YES
2403	F6DM1 E6001	F0P40	M2312	30.58						NO	NO
			M2412	30.58	30.58		31.00	31.08		NO	YES
			M2251	31.23						YES	NO
2403	F6DM1 E6001	F0P40	R2R22	31.23						NO	NO
			A2G32	31.23						NO	NO

Figure 2-61 (c) Traceable events, all data. 2/14

REPORT 1

AS AT 31 JAN 74

TEST 119
TRACEABLE EVENTS DETAILS
BY R W THORNTON

PAGE NO 1

TF NO	CTLR PN	STAFF SEC REC	DN TF ENRM	T0	T1	T2	T3	T4	SFO NO	ASTRISK	ARRIVED
2406	E60V1	M0400	M2261	31.23						YES	NO
			A2G22	31.63						NO	NO
2415	F60C1	M0100	M2412	31.63	31.83		33.00	33.25		NO	YES
			M2A12	32.26						NO	NO
			A2G32	32.26						NO	NO
			M2112	32.26	34.25		34.76	34.33		NO	YES
2418	E60V1	M0840	F2012	32.26	43.79		43.78	43.81		NO	YES
2419	F5F71	M0201	F2021	32.66	32.66		32.66	32.75		NO	YES
			F2021	33.00						NO	NO
			M2A22	33.00						NO	NO
2421	F60C1	M0120	A2G22	33.00	33.99		34.00	34.00		NO	YES
			M2252	33.00	34.96		34.95	34.95		NO	YES
			M2262	33.00	36.00		36.03	36.03		NO	YES
			A2G11	33.10						NO	NO
			M2012	33.10						NO	NO
			M2122	33.10	37.00		37.03	38.00		NO	YES
			M2112	33.10	40.75		40.75	40.83		NO	YES
2429	F60V1	M0190	M2391	33.98						YES	NO
			M2311	33.98	33.99		34.00	34.01		NO	YES
			A2G32	33.99	34.25		34.25	34.26		NO	YES
			M2022	33.99	34.41		34.41	34.50		VPS	YES
2430	F60V1	F0230	M2391	34.00						YES	NO
			M2032	34.00						YES	NO
			M2311	34.00	34.00		34.00	34.00		NO	YES
			A2G22	34.00	34.50		34.50	34.58		NO	YES
2434	F60V1	M0920	F2012	34.05						YES	NO

Figure 2-61 (cont). Traceable events, all data. 8-142

REPORT 1

TEST 119
TRACEABLE EVENTS DETAILS
BY R W THORNTON

PAGE NO 14

AS AT 31 JAN 74

TR NO	CTLR PN	STAFF SFC RFC	PN TE FIRM	T0	T1	T2	T3	T4	SEQ NO	ASTRISK	ARRIVED
2436	F6011	M0310	F2P32	34.05	34.56		34.56	34.56		YES	YES
			A2G32	34.08						NO	NO
			M23R1	34.08						YES	NO
			M2311	34.08	33.98		33.98	33.98		NO	YES
2446	F60V1	M0340	M23R1	35.50						NO	NO
			A2G32	35.50						NO	NO
			S2A42	35.50	35.46		35.66	35.83		YES	YES
			M2412	35.50	46.66		46.66	46.75		NO	YES
2449	F60K1	R0P20	A2G22	35.00						NO	NO
			R2R22	35.00	35.05	35.08	35.08	35.13	R211	NO	YES
2452	F60V1	M0100	A2G11	35.00						NO	NO
			F2P11	35.00						NO	NO
			R2R12	35.00						NO	NO
			M2112	35.00	38.08		38.11	38.16		NO	YES
2473	E60K1- E60K1	R0R20	M2261	36.45						NO	NO
			A2G22	36.45						NO	NO
			M2251	36.45	38.53		38.55	38.58		NO	YES
			R2R21	36.45	40.25	42.16			R212	NO	YES
2475	F60V1	M0201	M2112	37.50						NO	NO
			M2122	37.50						YES	NO
			A2G11	37.50	41.08		41.08	41.11		NO	YES
2479	F60V1	M0390	A2G11	36.60						NO	NO
			M2311	36.60	36.60		36.60	36.60		NO	YES
			M2391	36.60	36.65	36.75	36.65	36.66	3808	NO	YES
			M2321	36.60	40.00		40.01	40.03		NO	YES
2480	F60V1	R0R20	R2R32	37.06						NO	NO

Figure 2-61 (83). Traceable events, all data. 3/143

AS AT 31 JAN 74

TRACEABLE EVENTS DETAILS
BY R W THORNTON

PAGE NO 15

TF NO	CTLR DN	STAFF SEC RFC	DN IE FROM	T0	T1	T2	T3	T4	SEQ NO	ASTRISK	ARRIVED
2483	F6011	M0310	M2381	37.06	37.08		37.08	37.10		NO	YES
2485	F6011	M0310	M2311	36.73	36.73	36.75	36.73	36.75	3A08	YES	YES
			M2311	36.65	36.65		36.65	36.65		YES	YES
			M2311	36.65	40.01		40.03			NO	YES
2491	F6011	M0310	M2311	37.00						NO	NO
			A2631	37.00						NO	NO
			M2311	37.00						YES	NO
			M2372	37.00	37.35	37.35	37.35	37.40	3715	NO	YES
2493	F6011	M0100	A2611	36.83						NO	NO
			M2111	36.83						NO	NO
			M2011	36.83						NO	NO
			S2112	36.83						NO	NO
2499	F6011	M0100	M2111	37.60						NO	NO
			M2011	37.60						NO	NO
			M2011	37.60	47.75		47.75			NO	YES
2512	F6011	M0400	M2041	38.01						YES	NO
			A2641	38.01						NO	NO
			M2311	38.01	38.09		38.00	39.00		NO	YES
			M2411	38.01	40.00	40.46	40.33	41.50	410P	YES	YES
			S2042	38.01	45.50		45.58	45.58		NO	YES
2516	F6011	M0100	S2012	38.61						NO	NO
			M2111	38.61	45.25		45.26	45.31		YES	YES
			A2612	38.61	50.25					NO	YES
2524	F6011	M0310	M2011	39.08	55.03		39.08	39.11		NO	YES
2526	F6011	M0310	M2301	39.06						NO	NO
			S2021	39.06						NO	NO

Figure 2-61 (cont). Traceable events, all data.

AS AT 31 JAN 74

TEST 119
TRACEABLE EVENTS DETAILS
BY P W THOMPSON

PAGE NO 16

TE NO	CTLO DN	STAFF SEC DEC	DN TF FROM	T0	T1	T2	T3	T4	SFO NO	ASTRISK	ARRIVED
2529	56011	50430	M2261	38.96						NO	NO
			M2252	38.96	38.96	39.03	38.98	39.00	2625	NO	YES
			M2311	38.96	38.96	39.03	38.98	39.00	3105	NO	YES
			A2641	39.38						NO	NO
			M2411	39.38						NO	NO
			S2A32	39.38	39.50		39.58	39.58		NO	YES
2529	F6FHC	50A10	S2A12	39.61	39.61		39.61	39.66		NO	YES
2531	F6FV1	80840	A2841	39.85						NO	NO
			S2A42	39.85	40.16		40.16	40.25		NO	YES
2536	F6FV1	M0140	M2411	40.00						NO	NO
			A2631	40.00						NO	NO
			M2311	40.00						NO	NO
2537	E6DK1	90830	M2361	40.01						YES	NO
			A2631	40.01	40.06		40.06	40.10		NO	YES
			P2821	40.01	40.11		40.11			YES	YES
			M2311	40.01	41.83		41.83	41.83		NO	YES
2539	E6DC1	M0130	M2411	40.05						NO	NO
			S2A32	40.05						NO	NO
			M2111	40.05	42.75		42.76	42.91		NO	YES
			A2611	40.05	43.15		43.16			NO	YES
2545	F6FHC	M0130	M2311	40.33						NO	NO
			M2311	40.33	44.33		44.35	44.41		NO	YES
2554	E5E81	M0270	A2621	40.98						NO	NO
			M2361	40.98						NO	NO
			M2361	40.98						NO	NO
			M2371	40.98						NO	NO

Figure 2-61 (cont) Traceable events, all data.

AS AT 31 JAN 74

TRACEABLE EVENTS DETAILS
BY P. W. THOMPSON

TABLE 119

PAGE NO 17

TF NO	CTLR POS	STAFF SEC REC	DN TE ENCM	TO	T1	T2	T3	T4	SFO NO	ASTRISK	ARRIVED
2561	E60W1	40R30	02031	40.98						YES	NO
			02251	40.98	41.66		41.70	41.71		NO	YES
			02341	41.75						NO	NO
			02031	41.75	41.75		41.76	41.80		NO	YES
			02311	41.75	41.91	42.00	41.91	41.91	3105	NO	YES
			02621	41.75	42.35	42.36	42.35	42.36	6725	NO	YES
2571	E60W1	40R30	02031	42.50	42.50		42.53	42.58		NO	YES
			02311	42.50	42.66	42.66	42.66	42.66	3105	NO	YES
2594	E60W1	40R40	02411	43.05						NO	NO
			02041	43.05						NO	NO
			02041	43.05	43.05		43.05	43.08		NO	YES
			02041	43.05	43.16		43.16	43.50		NO	YES
2597	E60W1	40R30	02031	43.45	44.66		44.75	44.91		YES	YES
2589	E5E71	40R30	02031	43.63						NO	NO
			02251	43.63	45.00		45.01	45.03		NO	YES
			02262	43.63	49.50		49.50	49.58		NO	YES
			02351	43.63	49.93		49.93	49.91		YES	YES
2592	E60W1	40R30	02411	43.78						NO	NO
			02041	43.78						NO	NO
2607	E60W1	40R40	02411	44.11						NO	NO
			02041	44.11						NO	NO
			02041	44.11	45.25		45.50	45.75		NO	YES
2610	E60W1	40R30	02031	44.30						NO	NO
			02031	44.30	45.25		45.28	45.33		NO	YES
			02042	44.30	52.25		52.25			NO	YES

Figure 2-61 (cont). Traceable events, all data. 146

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AS AT 31 JAN 74

TEST 110
TRACEABLE EVENTS DETAILS
BY P W THORNTON

PAGE NO 18

TE NO	CTIR PN	STAFF SEC DEC	PH TF ENOW	T0	T1	T2	T3	T4	SEQ NO	ASTRISK	ARRIVED
2614	55571	40230	A2021	44.53							
			42251	44.53	44.75		44.76	45.31		NO	NO
			42311	44.53	44.91		44.91	44.91		NO	YES
			42262	44.53	45.00		45.06	45.06		NO	YES
2619	56041	40210	42111	44.95						NO	NO
			42611	44.95						NO	NO
			42011	44.95	44.95		45.00	45.03		NO	YES
			42011	44.95	45.00		45.33			NO	YES
2626	56041	40410	42611	44.50						NO	NO
			42611	44.50						NO	NO
			42111	44.50						NO	NO
			42411	44.50	44.50		46.00	46.33		NO	YES
2630	56041	40120	42611	45.34						NO	NO
			42121	45.36	45.41		45.50	45.58		YES	YES
2631	56040	40310	42011	45.01						NO	NO
			42011	45.01	46.00		48.01	48.16		NO	YES
2632	56011	40600	42381	45.91						NO	NO
			42641	45.91						NO	NO
			42411	45.91	45.91		45.91	45.91		NO	YES
2635	56041	40340	42411	46.00						NO	NO
			52861	46.00	46.01		46.01	46.25		YES	YES
			42042	46.00	59.66		59.66			NO	YES
2643	56041	40040	42041	47.63	47.66		47.66	47.70		NO	YES
2644	56071	40330	42031	47.58						NO	NO
			42371	47.58						NO	NO
			42371	47.58						NO	NO

Figure 2-61 (C). Traceable events, all data.

AS AT 31 JAN 74

VFST 119
TRACE OF EVENTS DETAILS
BY R W THORNTON

PAGE NO 1

TF	NO	CTLO	STAFF	DN	TF	TO	T1	T2	T3	T4	SFO	NO	ASTRISK	ARRIVED	PAGE NO
						47.58							YES	NO	
						47.58	49.91	50.00	49.96	49.96	2625		YES	YES	
						47.58	50.08	50.16	50.08	50.08	2629		NO	YES	
2647		66F4C	00910			47.33							NO	NO	
						47.33							NO	NO	
						47.33							NO	NO	
						47.33	47.33		47.33	47.38			NO	YES	
2651		66DVI	W03R0			47.70							NO	NO	
						47.70	47.70	47.70	47.70	47.71	3808		YES	YES	
						47.70	47.71		47.71	47.71			NO	YES	
2653		66DVI	F0030			47.75							NO	NO	
						47.75							YES	NO	
						47.75	48.00		48.08	48.10			NO	YES	
2654		66DVI	F0030			47.75							YES	NO	
						47.75							NO	NO	
2665		66DVI	W0040			47.75	47.75		47.76	47.80			NO	YES	
						48.08							NO	NO	
2676		66DVI	W0040			48.08	48.16		48.18	48.25			NO	YES	
						48.50							NO	NO	
						48.50							NO	NO	
						48.50							NO	NO	
2681		66DVI	W0040			48.01	48.01		48.01	48.00			NO	YES	
2688		66DVI	W0040			48.50	48.50		48.56	48.66			NO	YES	
2696		66DVI	W0040			50.13							NO	NO	
						50.13	50.16	50.33	50.26	50.26	2625		NO	YES	
						50.13	50.33	50.45	50.38	50.41	6311		NO	YES	

Figure 2-61 (cont). Traceable events, all data.

REPORT 1

AS AT 31 JAN 74

TEST 119
TRACEABLE EVENTS DETAILS
BY P W THORNTON

PAGE NO 20

TF NO	CTLO PH	STAFF SEC REF	DN TF ENCL	T1	T2	T3	T4	SEQ MIN	ASTRISK	ARRIVED
2695	E6DKI	R0030	M2262	50.13	50.41	50.50	50.45	2629	NO	YES
2701	E6QII	M0100	M2112	50.00	51.09	51.16	51.08	P312	NO	YES
			M2422	50.26	51.06	51.08	51.06	1102	NO	YES
2714	E6DKI	R0040	R2042	50.26	52.13	52.13	52.13		NO	YES
2715	E6DKI	R0010	F2012	51.53	51.58	51.58	52.66		NO	YES
2716	E6DKI	M0100	R2012	51.63	51.63	51.75	51.71	P117	NO	YES
			F2012	51.66					NO	NO
			M2112	51.66	52.75	53.00	53.91		NO	NO
2723	E6DKI	R0010	A2011	51.66	67.25	67.25	67.28		NO	YES
2729	E6DKI	S0020	S0021	53.20					NO	NO
2730	E6DKI	R0040	M2252	52.50	52.50	52.55	52.66	A213	NO	YES
			M2122	52.50	55.09	55.16	55.16		NO	YES
2731	E6DKI	S0010	R2042	52.71	52.71	52.71	52.75		NO	YES
			M2122	52.85					NO	NO
2732	E6DKI	S0010	R2012	52.85	54.33	54.45	54.91		NO	YES
			S2011	52.83	52.83	52.83	52.83		NO	YES
2733	E6DKI	M0100	M2112	52.83	57.11	57.23	57.23		NO	YES
			A2011	52.83	59.83	59.86	59.93		NO	YES
2734	E6DKI	M0201	M2261	53.16					NO	NO
			M2112	53.16	54.66	54.70	54.75		NO	YES
			M2122	53.16	54.75	54.78	54.75	1203	NO	YES
			A2011	53.16	54.83	54.86	54.91		NO	YES
			O1001	53.16	55.00	55.08	55.25		YES	YES
2735	E6DKI	M0201	M2261	54.00					YES	NO
			R2422	54.00					YES	NO

Figure 2-61 (cont) Traceable events, all data.

REPORT

AS AT 31 JAN 74

TE 119
TRACEABLE EVENTS DETAILS
BY P W THOMPSON

PAGE NO 21

TE NO	CTLO DN	STAFF SEC DEC	DN TE FOP	T0	T1	T2	T3	T4	SEQ NO	ASTRISK	ARRIVED
2750	E6DVI	S0A30	A2G22	54.00						YES	NO
2751	ESF71	M0201	S2A42	54.01						NO	NO
			M2352	54.38						NO	NO
			A2G32	54.38						NO	NO
			R2R22	54.38						YES	NO
			M2252	54.38	55.41		55.45	55.45		YES	YES
			M2262	54.38	57.00		57.01	57.01		YES	YES
2755	F6NT1	D0940	D2912	56.25	56.41		60.25	60.50		NO	YES
2767	F6DM1	E0P40	F2042	55.61	55.61		55.61	55.71		NO	YES
			R2R42	55.61	57.41		57.41	58.00		NO	YES
2779	F6FMC	S0A10	M2122	56.78						NO	NO
			S2A12	56.78	56.01		56.01	57.00		NO	YES
2780	F6DK1	R0R40	R2R42	56.78						NO	NO
			A2G41	56.78						NO	NO
			M2412	56.78	57.75		57.75	58.25		NO	YES
2781	F6DUI	D0910	M2112	56.78						NO	NO
			D2012	56.78						NO	NO
			M2122	56.78						NO	NO
2786	E6DUI	M0100	M2112	57.85	57.00		57.00	57.90		NO	YES
			M2122	57.95	58.09	58.08	58.08	58.08	1203	NO	YES
2787	R6DK1	R0R40	R2R42	57.91	57.91		57.91			NO	YES
2793	F6FMC	R0R10	F2011	58.25						YES	NO
			R2R12	58.25						YES	NO
2799	ESF71	M0201	A2G32	58.98						NO	NO
			M2261	58.98						NO	NO
			S2R22	58.98						NO	NO

Figure 2-61 (cont). Traceable events, all data. j.150

REPORT 1

AS AT 31 JAN 74

TEST 119
TRACEABLE EVENTS DETAILS
BY P W THOMPSON

PAGE NO 22

TE NO	CTLO ON	STAFF SEC REC	ON TE ENOM	T0	T1	T2	T3	T4	SFO NO	ASTRISK	APPRVED
2806	F6001	R0340	M2252	59.02	59.09		59.21	59.25		NO	YES
			S2A42	59.38						NO	NO
			R2942	59.38	59.41		59.41	59.50		NO	YES
2807	F6001	00010	M2112	59.40						NO	NO
			02012	59.40	59.91		60.08	60.25		NO	YES
			M2122	59.40	62.50		62.51	62.58		NO	YES
2808	F6001	F0040	M2412	59.53						NO	NO
			R2842	59.53						NO	NO
			A2041	59.53						NO	NO
			F2042	59.53	59.53		59.53			NO	YES
2809	F6001	S0A10	S2A12	59.70	61.50		61.50	61.75		NO	YES
2810	F6001	M0380	A2031	60.80						NO	NO
			M2311	60.80						NO	NO
			02032	60.80						NO	NO
			M2301	60.80	60.80	60.83	60.80	60.81	3808	YES	YES
2815	F6001	M0100	M2112	60.80	62.00		62.03	62.11		NO	YES
			A2011	60.88	62.16		62.16	62.20		NO	YES
			02011	60.48	70.91		70.91	71.00		NO	YES
2818	F6001	M0400	M2412	60.98	62.50		62.50	62.50		NO	YES
			R2842	60.98	63.66		63.83	63.83		YES	YES
2849	F6001	S0A30	S2A32	61.73	63.93		63.91	64.00		NO	YES
2851	F6001	00040	02011	64.50						NO	NO
			A2041	64.50						NO	NO
			M2411	64.50						NO	NO
2854	F6001	00030	M2311	63.00						NO	NO
			A2031	63.00						NO	NO

AS AT 31 JAN 74

TRACEABLE EVENTS DETAILS
BY R W THORNTON

TE NO	CTLN PN	STAFF SEC REC	DN TE ENDM	T0	T1	T2	T3	T4	SFO NO	ASTRISK	ARRIVED
2860	E6FHC	S0A10	42371	63.00	63.00	63.01	63.01	63.01	9308	NO	NO
			02031	63.00	63.00	63.01	63.01	63.01		NO	YES
			F2P11	59.00						NO	NO
			02011	59.00	59.00		59.00	65.75		NO	YES
			R2R11	59.00	63.33		63.50	63.50		NO	YES
2865	F6NG1	40120	42121	62.71	63.33		63.36	63.45		YES	YES
2869	F6N11	S0A40	S2A42	62.00	63.00		63.00	63.00		NO	YES
2872	F6N01	F0P10	42111	63.00						NO	NO
			F2P11	63.00	63.00		63.00	63.16		NO	YES
			42011	63.00	63.75		63.83	64.00		NO	YES
2875	F6N01	40100	S2A12	63.16						NO	NO
			42111	63.16	64.75		64.76	64.83		YES	YES
2879	F5F01	40270	42371	63.55						NO	NO
			42311	63.55						NO	NO
			A2C21	63.55	64.03	64.05	64.05	64.05	5725	NO	YES
			42241	63.55	64.50	64.53	64.53	64.53	7429	NO	YES
			42251	63.55	65.00		55.01	65.03		NO	YES
			42021	63.55	67.50	67.56	67.56	67.56	9305	YES	YES
2891	F6N41	40340	S2A42	64.21						NO	NO
2896	F6FHC	S0A40	S2A42	64.59	64.59		64.66	64.66		NO	YES
2897	E6FHC	S0A10	42121	64.70						YES	NO
			S2A12	64.70	65.64		65.70	66.16		NO	YES
2903	F6N41	S0A30	S2A32	65.25						NO	NO
			42421	65.25	66.25		66.25	66.25		NO	YES
2906	F5F71	40201	42251	65.21						YES	NO
			42241	65.21						YES	NO

Figure 2-61 (cont). Traceable events, all data.

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AS AT 31 JAN 74

TEST 110
TRACEABLE EVENTS DETAILS
BY P W THORNTON

PAGE NO 24

TE NO	CTIP PN	STAFF SEC REC	DN TE FROM	T0	T1	T2	T3	T4	SFO NO	ASTRISK	ARRIVED
2909	E60Y1	00940	M2371	65.21						NO	NO
			M2311	65.21						NO	NO
			A2G21	65.21	65.75	65.75	65.75	65.75	G725	YES	YES
			02911	65.98						NO	NO
2910	E60M1	E0P30	S2A32	65.98						NO	NO
			A2G21	65.96						NO	NO
			M2261	65.96						YES	NO
			M2371	65.96						NO	NO
2915	E60G1	M0400	F2021	65.96	66.05		66.06	66.06		YES	YES
			R2021	65.96	66.11		66.18	66.25		YES	YES
			M2251	65.96	70.00		70.01	70.03		YES	YES
			M2121	66.35						NO	NO
2916	E60C1	M0400	M2311	66.21						NO	NO
			02911	66.21						NO	NO
			A2G42	66.21	67.00					NO	YES
			M2411	66.25						NO	NO
2920	E60K1	M0400	S2A31	66.25						NO	NO
			R2A41	66.25	66.25		66.50	66.58		NO	YES
			S2A31	66.71						NO	NO
			S2A11	67.00	67.01		67.03	67.03		NO	YES
2932	E60H1	M0400	S2A41	67.01						NO	NO
			A2G41	67.21	67.21		67.25	67.25		YES	YES
			M2411	67.21	72.50		72.66	72.75		YES	YES
			S2A11	67.33						NO	NO
2939	E60J1	M0400	S2A11	67.33	69.00		69.75	70.50		NO	YES
			M2271	67.80						NO	NO

Figure 2-61 (cont) Traceable events, all data.

AS AT 31 JAN 74

TEST 119
TRACEABLE EVENTS DETAILS
BY THORNTON

PAGE NO 25

TE NO	CTIR PN	STAFF SEC REC	DN TF ENOM	T0	T1	T2	T3	T4	SFO NO	ASTRISK	ARRIVED
2942	F60M1	40930	42261	67.90						NO	NO
			42251	67.90						NO	NO
			42311	67.80						NO	NO
			42261	67.91						NO	NO
			42311	67.91						NO	NO
			42261	67.91						NO	NO
			42311	67.91						NO	NO
			42261	67.91	68.50		68.58			NO	YES
			42251	67.91	71.93	72.05	71.85	71.06	2625	NO	YES
2943	F60M1	50940	42121	67.86						NO	NO
			52831	67.86						NO	NO
			52841	67.86	57.96		68.00	68.16		NO	YES
			42042	67.86	68.00		68.25	68.33		NO	YES
			52842	67.86	70.00		70.00			NO	YES
2946	F60M1	80930	52831	69.09	68.15	68.15	68.15	69.25	8312	NO	YES
2947	F60M1	80930	52832	67.91	69.75	69.75	69.75	69.75	9319	NO	YES
2948	F60M1	80910	42111	69.20						NO	NO
			52812	69.20						NO	NO
2965	F60M1	80940	52841	69.73	69.00		71.50	71.50		NO	YES
			52831	69.73	76.33		76.33	76.41		NO	YES
2978	F60M1	80910	42111	69.41						NO	NO
			52811	69.41	69.41		69.41	69.50		NO	YES
2979	F60M1	40940	42411	70.33	70.33		72.75	72.75		YES	YES
			52811	70.33	72.83		72.81	73.00		NO	YES
2980	F60M1	40950	42311	69.65						NO	NO
			52831	69.65						NO	NO

Figure 2-61 (cont). Traceable events, all data.

REPORT 1

AS AT 31 JAN 74

TEST 119
TRACEABLE EVENTS DETAILS
BY R W THORNTON

TE NO	CTL2 PU	STAFF SEC REC	PM TF FORM	T0	T1	T2	T3	T4	SFO NO	ASTRISK	ARRIVED	PAGE NO
2985	E6DN1	FOP40	M2301	69.68	69.68	69.86	69.86	59.70	3808	YES	YES	
2986	F6FHC	ROR10	M2111	69.91	69.91	69.91	69.91	70.00	P312	NO	YES	
2988	F6DK1	ROR40	S2A11	69.00	69.00		69.01	69.08		YES	NO	
2989	F6DM1	ROR10	M2111	70.58	70.58		70.58	70.66		NO	YES	
3006	E6DJ1	W0420	M2121	70.61	70.61		71.00	71.58		NO	NO	
3007	E6DK1	ROR20	M2421	70.66	70.66					NO	NO	
3014	F6DM1	ROR30	M2311	70.66	70.66					YES	NO	
3020	F6DM1	W0380	M2311	72.00	72.00		72.00	72.50		NO	YES	
3023	F6DM1	W0380	M2311	72.25	72.25		72.25	72.26	3808	YES	YES	
			M2311	72.25	72.25		72.25	72.25		NO	YES	

Figure 2-61 (cont). Traceable events, all data.

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AS AT 31 JAN 74

TRACEABLE EVENTS DETAILS
BY R W THORNTON

TEST 119

TF NO	CTLP PN	STAFF SEC REC	PN TE FORM	T0	T1	T2	T3	T4	SFO NO	ASTRISK	ARRIVED
3031	16241 E6DJI	S0A40	S2A41	72.25	72.36	72.38	72.40			YES	YES
			A2G32	72.25	72.39	72.66				NO	YES
			S2A41	72.55	74.41	74.50	74.50			NO	YES
3034	E6DE1	M0400	S2A31	72.58						NO	NO
			M2411	72.58	72.58	72.75	72.75			NO	YES
3039	22DA1 E6DKI	R0940	S2A41	73.00						NO	NO
			R2R42	73.00	73.00	73.00	73.08			NO	YES
3044	F6FHC	S0A10	M2112	73.45						NO	NO
			O1A01	73.45						NO	NO
			S2A11	73.45	74.41	74.58	74.66			NO	YES
3047	26PA1 E6DKI	R0910	R2912	73.95						YES	NO
3050	F6DM1	F0P40	S2A41	74.00						NO	NO
			F2P42	74.00	74.00	74.03	74.16			NO	YES
3052	F6DM1	R0930	F2P32	73.93	74.00	74.18	74.16	P312		NO	YES
			R2932	73.83	74.16	74.16	74.25			YES	YES
3053	E6D01	D0930	M2932	74.00	74.09	74.11	74.16	9319		NO	YES
3055	F6D01	D0940	M2912	74.16	74.25	74.26	74.33			NO	YES
3072	F6FHC	S0A10	S2A11	75.58	76.25	76.30	76.50			NO	YES
			M2112	75.58	80.66	81.00	91.05			NO	YES
3076	F6DM1	F0P10	F2P12	76.03	76.06	76.06	76.08			NO	YES
3081	F6DM1	M0340	S2A41	76.00	76.41	76.41	76.45			NO	YES
			M2422	76.00	76.59	76.58	76.83			YES	YES
			A2G42	76.00	77.00	77.06				NO	YES
			M2311	76.00	77.51	77.51	77.51			NO	YES
3086	F6DM1	S0A40	M2412	76.55						NO	NO
			S2A41	76.55	77.01	77.33	77.33			NO	YES

Figure 2-61 (cont). Traceable events, all data. 2-156

REPORT 1

TEST 119
TRACEABLE EVENTS DETAILS
BY R W THOMPSON

PAGE NO 28

AS AT 31 JAN 74

TF NO	CTL2 PN	STAFF SEC DEC	PN TE FROM	T0	T1	T2	T3	T4	SFO NO	ASTRISK	ARRIVED
3097	EDNT1	NO910	02912	76.66	80.00		80.01			NO	YES
3098	EDAH1	SOA30	S2A31	76.80	76.91		76.91	77.00		NO	YES
3091	EDDQ1	NO910	02912	77.16	81.50		81.50			NO	YES
3094	ED6H1	SOA30	S2A31	77.86						NO	NO
3097	ESF71	W0201	A2G12	78.25	79.25		78.25	78.25		NO	YES
			W2251	78.25	78.91		78.93	78.95		YES	YES
			W2261	78.25	80.33		80.33	90.33		YES	YES
3099	ED6H1	ROA40	S2A32	78.05						NO	NO
			A2R42	78.05	78.05		78.05	78.11		NO	YES
3100	EDDK1	ROA40	Q2R42	78.16	78.16		78.16	78.25		NO	YES
3109	EDAH1	SOA30	W2412	79.00						NO	NO
			S2A32	79.00	79.00		79.03	79.16		NO	YES
3110	ED6H1	SOA10	W2112	79.11						YES	NO
			S2A12	79.11	83.00		83.00	83.75		NO	YES
			A2G11	79.11	86.66		86.66	86.75		NO	YES
3112	F6DM1	FOP10	F2P12	79.93	79.93		79.96	80.08		NO	YES
			W2122	79.93	80.16		80.25	80.25		NO	YES
			W2112	79.93	80.25		80.26	80.26		YES	YES
3113	F6DM1	ROA30	F2P12	80.00	80.00	80.16	80.08	80.08	P312	YES	YES
			A2R32	80.00	80.16		80.16	80.50		YES	YES
3114	EDDP1	NO930	02932	80.00	80.41	80.45	80.41	80.41	9313	NO	YES
3115	EDDJ1	W0420	W2422	79.95	79.95		80.00	80.00		NO	YES
3118	EDAH1	SOA40	S2A32	80.03	80.05		80.08	80.16		NO	YES
3119	EDDJ1	NO910	02912	80.30	82.00		82.08			NO	YES
3125	F6DM1	W0400	W2412	80.75						NO	NO
3126	ADN1	W0400	F2P12	80.90						YES	NO

Figure 2-61 (cont). Traceable events, all data. 1-157

AS AT 31 JAN 74

TRACEABLE EVENTS DETAILS
BY R W HICENTON

TEST 119

PAGE NO 29

TE NO	CTLD DN	STAFF SEC REC	DN IF ENDM	T0	T1	T2	T3	T4	SEQ NO	ASTRISK	ARRIVED
3132	F6M01	00910	A2012	80.98						YES	NO
			A2022	80.98						NO	NO
			M2311	80.98	81.00		81.00	81.00		NO	YES
			M2302	80.98	81.05		81.05	81.08		YES	YES
3133	E6DM1 E6DH1	50A30	M2112	81.31						NO	NO
			02012	81.31						NO	NO
			M2412	81.33						NO	NO
			A2042	81.33						NO	NO
3142	E5F71	M0201	F2042	81.33						NO	NO
			S2A32	81.33	81.33		81.36	81.45		NO	YES
			M2261	82.91						YES	NO
			M2251	82.91						YES	NO
3143	F6DC1 E6DVI	M0100	A2022	82.91						YES	NO
			A2021	82.91						NO	NO
			M2112	82.70						NO	NO
			M2302	82.90						NO	NO
3145	F5E12	A0G30	A2012	82.90						YES	NO
			A2031	82.90						NO	NO
			M2311	82.90	82.98		82.98	82.98		NO	YES
			F2012	82.90	83.00		83.00	83.08		YES	YES
3154	F5F71	M0201	A2032	83.03	83.25		83.25			NO	YES
			M2261	84.00						NO	NO
			M2251	84.00						NO	NO
			A2031	84.00						NO	NO
3158	E6M01	00940	02012	83.65	84.00		84.50	84.58		NO	YES
			F2032	83.83	84.00	84.16	84.00	84.00	P312	YES	YES

Figure 2-61 (cont). Traceable events, all data. 2-58

REPORT 1

AS AT 31 JAN 74

TEST 110
TRACEABLE EVENTS DETAILS
BY D W THORNTON

PAGE NO 30

TE NO	CTLO DN	STAFF SFC DEC	DN TF ENRY	T0	T1	T2	T3	T4	SFO NO	ASTRISK	APRVED
3177	JWJKA E6DKI	R0820	R2R32	83.83	84.00		84.00	84.08		YES	YES
			A2G21	84.50						NO	NO
			M2261	84.50						NO	NO
			M2251	84.50						NO	NO
			M2352	84.50						NO	NO
			P2R22	84.50	84.50	84.63	84.66	84.75	R211	NO	YES
3179	F6DM1	F0P30	F2D22	84.55	84.75		84.75	84.75		YES	YES
3180	F5F12	A0G30	A2G32	84.75	84.75		84.86	84.86		YES	YES
3197	F6DM1 E6JJI	R0R30	R2R32	85.78	86.00		86.00	86.08		YES	YES
3203	E6DJ1	M0300	A2G31	86.25	86.26	86.31	86.26	86.26	G306	NO	YES
3223	F6DM1	M0100	M2412	86.00						NO	NO
			A2G41	86.00	86.00		86.03	86.05		YES	YES
			S2A42	86.00	86.00		86.00	86.25		NO	YES
3240	F5F91	M0201	M2271	9.03						NO	NO
			M2252	9.03						NO	NO
			M2312	9.03						NO	NO
3241	F6DJ1	M0310	M2311	42.00	42.00	42.08	42.00	42.00	3105	YES	YES
3242	F6DJ1	M0310	M2311	44.16	44.50	44.58	44.50	44.50	3105	YES	YES
			A2G31	44.16	45.25	45.33	45.25	45.26	G306	NO	YES
3243	F6DJ1	M0310	A2G31	45.10	46.16	46.25	46.16	46.18	G306	NO	YES
			M2311	46.10	47.00	47.00	47.00	47.00	3105	YES	YES
3244	F6DJ1	M0310	M2312	50.01	50.08	50.11	50.08	50.10	3108	NO	YES
			A2G32	50.01	52.08	52.11	52.08	52.08	G306	NO	YES
3245	F6DJ1	M0310	M2312	50.31						NO	NO
3246	FJDI1	M0310	M2312	50.00						NO	NO
3247	F5F71	M0201	R2R21	43.66						NO	NO

AS AT 31 JAN 74

TEST 110
TRACEABLE EVENTS DETAILS
BY R W MANTON

PAGE NO 31

TE NO	CTID DN	STAFF SEC SEC	DN TE EVEN	T0	T1	T2	T3	T4	SEQ NO	ASTRISK	ARRIVED
3249	F5F71	M0231	A2G21	43.66	45.50	45.46	45.53	45.58	2629	YES	YES
			F2D22	43.66						NO	NO
			M2262	43.66						YES	YES
			F2D22	45.66						NO	NO
			M2262	45.66						NO	NO
			A2G21	45.66						NO	NO
			M2262	45.66	47.00	47.08	47.05	47.06	2639	NO	YES
3249	E60M1	F0D30	F2D32	48.15	48.16		48.16	48.16		NO	YES
3250	F60M1	M0231	F2D31	72.16	72.16	72.58	72.16	72.50	0317	NO	YES
			M2262	72.16	74.25		74.25	74.33		NO	YES
3251	E60M1	M0231	A2G31	86.00						NO	NO
3252	F5F71	M0231	A2G21	69.58	69.70	69.73	69.71	69.73	G725	YES	YES
3253	E60M1	M0231	M2D12	74.00						NO	NO
6060	E60M1	M0310	A2G31	84.50	84.61	84.61	84.61	84.63	G306	YES	YES
6061	E60M1	M0231	A2G31	85.25	85.41		85.41	85.45		YES	YES
			M2262	85.25	85.53	85.43	85.58	85.66	0301	YES	YES
6062	E60M1	F0D30	A2G31	85.01						NO	NO
			M2262	85.01	85.01		85.01	85.01		YES	YES
6063	F5F71	M0231	A2G21	86.03	86.01		86.01	86.01		NO	YES
6064	E60M1	M0231	A2G31	85.75	85.75	85.76	85.75	85.76	G306	NO	YES
6065	F60M1	M0231	A2G31	96.11						NO	NO
			M2262	86.11	96.11		96.16	96.16		NO	YES
6066	F60M1	M0231	A2G31	86.25						NO	NO
			M2262	86.25	86.35		96.36	96.36		NO	YES
6069	F60M1	M0231	A2G31	86.25	86.30		96.31	96.31		NO	YES
6069	E60M1	M0310	A2G31	86.01	97.00		97.00	97.00		NO	YES

Figure 2-61 (cont). Traceable events. all data. 2/4

REPORT 1

TEST 119
TRACEABLE EVENTS DETAILS
BY P W THORNTON

PAGE NO 32

AS AT 31 JAN 74

TF NO	CTLR DN	STAFF SEC REC	DN TF EFGM	T0	T1	T2	T3	T4	SFO NO	ASTRISK	ARRIVED
6070	E60KI	M0310	92R32	86.86							
			A2G31	86.86	86.86		86.86	86.88		NO	NO
7002	EJ011	A2G21	A2G21	70.00	70.00	70.05	70.00	70.03	G306	NO	YES
7003	E60M1	F2P32	F2P32	76.00	76.00	76.16	76.00	76.00	P312	NO	YES
7004	E60M1	90930	F2P32	81.91						NO	NO
			92R32	81.91	82.03	82.33	82.00	82.25	9303	NO	YES
7005		A2G31	A2G31	66.78	66.78		66.78	66.80		NO	YES

REF ID: A

TEST 119
TRACEABLE EVENTS MEAN UPDATE PER DISPLAY
ALL DATA
BY R. W. THORNTON

AS AT 31 JAN 74

DISPLAY SEQ NO	T2 TIME	T1 TIME	OCCURANCES	MEAN TIME
A213	77.21	76.91	3	.10
A413	5.91	5.83	1	.09
B117	3.95	3.91	1	.04
B211	205.31	204.83	7	.06
B212	42.16	40.25	1	1.91
B303	82.33	82.00	1	.33
G306	470.42	470.11	7	.04
G311	50.45	50.33	1	.12
G725	312.57	312.49	5	.01
P117	89.49	88.47	4	.15
P312	576.39	575.14	8	.15
P317	72.50	72.16	1	.42
P409	20.08	20.00	1	.08
1102	51.98	51.96	1	.02
1203	144.24	144.09	3	.05
2625	263.27	262.43	8	.10
2629	369.45	368.47	12	.08
3A03	14.50	13.50	1	1.00
3105	257.35	257.03	6	.05
3108	50.11	50.08	1	.03
3715	37.35	37.35	1	.00
3808	424.53	423.33	9	.13
4108	40.66	40.00	1	.66
4207	1.10	.75	1	.35
9305	67.56	67.50	1	.06

Figure 2-62. Display update time, all data.

REPORT 3

TEST 110
TRACEABLE EVENTS MEAN UPDATE PER DISPLAY
ALL DATA
BY R W THORNTON

AS AT 31 JAN 74

DISPLAY SEQ NO	T2 TIME	T1 TIME	OCCURRENCES	MEAN TIME
9309	63.01	63.00	1	.01
9317	80.45	80.41	1	.04
9319	143.86	143.83	2	.01
MEAN TIME FOR ALL DISPLAYS				.13

Figure 2-62 (cont). Display update time, all data.

REPORT 3A

TEST 119
TRACEABLE EVENTS MEAN UPDATE PER DISPLAY
DURING DISPLACEMENT OF MAIN
BY R W THORNTON

AS AT 31 JAN 74

DISPLAY SEQ NO	T2 TIME	T1 TIME	OCCURANCES	MEAN TIME
A213	.00	.00		.00
B211	21.95	21.91	1	.04
G306	70.05	70.00	1	.05
G725	69.73	69.70	1	.03
P312	68.15	68.15	1	.00
P409	20.08	20.00	1	.08
2625	72.05	71.83	1	.22
3808	69.86	69.86	1	.00
9319	69.75	69.75	1	.00
MEAN TIME FOR ALL DISPLAYS				.05

Figure 2-63. Display update time during displacement of main CP.

REPORT 33

TEST 119
TRACEABLE EVENTS MEAN UPDATE PER DISPLAY
AFTER DESTRUCTION OF MAIN
BY P. W. THORNTON

AS AT 31 JAN 74

DISPLAY SEQ NO	T2 TIME	T1 TIME	OCCUPANCES	MEAN TIME
A213	.00	.00		.00
B211	84.63	84.50	1	.13
B301	85.83	85.58	1	.25
G306	256.60	256.62	3	.02
P312	84.16	84.00	1	.16
MEAN TIME FOR ALL DISPLAYS				.10

Figure 2-64. Display update time after destruction of main CP.

REPORT 30

TEST 110
TRACEABLE EVENTS MEAN UPDATE PER DISPLAY
UNDER NORMAL OPERATIONS
BY P. W. THORNTON

AS AT 31 JAN 74

DISPLAY SEQ NO	T2 TIME	T1 TIME	OCCURANCES	MEAN TIME
A213	77.21	76.91	3	.10
A413	5.91	5.83	1	.08
A117	3.95	3.91	1	.04
B211	98.73	98.42	5	.06
B212	42.16	40.25	1	1.91
B303	82.33	82.00	1	.33
G306	143.49	143.49	3	.06
G311	50.45	50.33	1	.12
G725	242.84	242.79	4	.01
P117	89.49	88.87	4	.15
P312	424.08	422.99	6	.18
P317	72.58	72.16	1	.42
1102	51.98	51.96	1	.02
1203	144.24	144.09	3	.05
2625	191.22	190.60	7	.08
2629	369.45	368.47	12	.08
3A03	14.50	13.50	1	1.00
3105	257.35	257.03	6	.05
3108	50.11	50.08	1	.03
3715	37.35	37.35	1	.00
3808	354.67	353.47	8	.15
4108	40.66	40.00	1	.66
4207	1.10	.75	1	.35
9305	67.54	67.50	1	.06
9308	63.01	63.00	1	.01
9313	80.45	80.41	1	.04

65
Figure 2-65. Display update time during normal operations.

REPORT 30

TEST 119
TRACEABLE EVENTS MEAN UPDATE PER DISPLAY
UNDER NORMAL OPERATIONS
BY R W THORNTON

AS AT 31 JAN 74

DISPLAY SEQ NO	T2 TIME	T1 TIME	OCCURANCES	MEAN TIME
9319	74.11	74.08	1	.03
MEAN TIME FOR ALL DISPLAYS				.14

Figure 2-65 (cont). Display update time during normal operations.

CONDITIONS OF RATING	G3 OP	FSE	ALT MIN G3	ALT MIN FSE	ALT MAX G3	ALT MAX FSE	DISCOM S3	DIVARTY S3	BRIGADE S3	BRIGADE S4	BN S3	BN S4
BASE RATING	40.09	39.87	31.60	39.86	25.33	33.86	27.36	32.90	37.04	22.08	49.68	49.64
NORMAL OP	39.50	38.45	31.60	39.8	18.10	28.50	30.15	40.53	39.15	22.08	49.55	48.21
DURING DISP	44.00	49.33	-	-	33.00	50.00	24.75	16.67	20.00	-	37.50	41.67
AFTER DEST OF MAIN CP	-	-	-	-	44.33	-	16.00	0.00	50.00	-	62.5	66.67
t = t	25.39	31.17	30.20	27.25	16.40	31.14	20.80	27.05	31.46	15.25	45.21	47.64
t = t - 1	27.50	28.27	26.8	20.25	18.80	23.14	15.30	23.42	25.00	17.36	23.15	19.79
t = t - 2	24.67	24.86	17.00	12.63	17.47	14.43	14.15	20.22	20.00	19.1	49.68	9.78

Figure 2-66. Percent accuracy of friendly SIT maps (allowable error 1500M).

PLAYER MEAS NO (t)	RATING FOR CONTROL MEASUREMENT NO			BASE RATING	NORMAL OPERATIONS	DURING DISP OF MAIN CP	AFTER DEST OF MAIN CP
	(t)	(t-1)	(t-2)				
1	83	-	-	83	83		
2	22	66	-	66	66		
3	80	66	66	80	80		
4	66	80	66	80	80		
5	66	66	80	80	80		
6	66	16	66	66	66	66	
7	66	66	16	16	66	66	
8	33	50	33	50	50		
9	20	33	50	50	50		
10	33	60	16	60	60		
11	0	33	60	60	60		
12	0	0	33	33	33		
13	0	0	0	0	0		
14	33	0	0	33	33		
15	16	33	0	33	33		
16	0	16	33	33	33		
17	0	20	33	33	33		
18	-	-	-	-	-	-	
19	0	0	0	0	0	0	
20	0	0	0	0	0		
21	0	0	16	16	16		
22	0	0	0	0	0		
23	0	0	0	0	0		
24	0	0	0	0	0		
MEAN	25.39	27.50	24.67	40.09	39.50	44.00	
TOTAL	584	605	518	922	790	132	
N	23	22	21	23	20	3	

Figure 2-67. Percent accuracy of friendly situation maps - G3 operations element (allowable error 1500M).

PLAYER MEAS NO (t)	RATING FOR CONTROL MEASUREMENT NO			BASE RATING	NORMAL OPERATIONS	DURING DISP OF MAIN CP	AFTER DEST OF MAIN CP
	(t)	(t-1)	(t-2)				
1	50	-	-	50	50		
2	50	50	-	50	50		
3	80	66	66	80	80		
4	66	60	50	66	66		
5	66	66	60	66	66		
6	16	66	66	66		66	
7	16	16	66	66		66	
8	33	33	16	33	33		
9	40	33	33	40	40		
10	33	0	0	33	33		
11	33	16	0	33	33		
12	16	16	16	16	16		
13	33	16	16	33	33		
14	50	16	0	50	50		
15	16	50	16	50	50		
16	20	16	33	33	33		
17	0	20	20	20	20		
18	-	-	-	-		-	
19	0	0	16	16		16	
20	0	0	0	0	0		
21	33	50	16	50	50		
22	33	16	16	33	33		
23	0	0	0	0	0		
24	33	16	16	33	33		
MEAN	31.17	28.27	24.86	39.87	38.45	49.33	
TOTAL	717	622	522	917	769	148	
N 23	22	21	23	2	20	3	

Figure 2-68. Percent accuracy of friendly situation maps - fire support element (allowable error 1500M).

PLAYER MEAS NO (t)	RATING FOR CONTROL MEASUREMENT NO			BASE RATING	NORMAL OPERATIONS	DURING DISP OF MAIN CP	AFTER DEST OF MAIN CP
	(t)	(t-1)	(t-2)				
1	-	-	-	-			
2	-	-	-	-			
3	-	-	-	-			
4	-	-	-	-			
5	-	-	-	-			
6	-	-	-	-			
7	-	-	-	-			
8	33	16	16	33	33		
9	40	33	16	40	40		
10	33	40	33	40	40		
11	25	25	0	25	25		
12	20	20	20	20	20		
MEAN	30.20	26.8	17.00	31.6	31.6		
TOTAL	151	134	85	158	158		
N	4	5	5	5	5		

Figure 2-69. Percent accuracy of friendly situation maps - alternate minimum - 03 element
(allowable error 1500M).

PLAYER MEAS NO (t)	RATING FOR CONTROL MEASUREMENT NO			BASE RATING	NORMAL OPERATIONS	DURING DISP OF MAIN CP	AFTER DEST OF MAIN CP
	(t)	(t-1)	(t-2)				
1	-	-	-	-			
2	-	-	-	-			
3	-	-	-	-			
4	-	-	-	-			
5	-	-	-	-			
6	-	-	-	-			
7	-	-	-	-			
8	33	16	16	33	33		
9	40	33	16	40	40		
10	33	60	16	60	60		
11	33	16	0	33	33		
12	0	33	16	33	33		
13	-	-	-	-			
14	-	-	-	-			
15	-	-	-	-			
16	-	-	-	-			
17	-	-	-	-			
MEAN	27.8	31.6	12.8	39.8	39.8		
TOTAL	139	158	64	199	199		
N	5	5	5	5	5		

Figure 2-70. Percent accuracy of friendly situation maps - alternate minimum fire support element (allowable error 1500M).

PLAYER MEAS NO (t)	RATING FOR CONTROL MEASUREMENT NO			BASE RATING	NORMAL OPERATIONS	DURING DISP OF MAIN CP	AFTER DEST OF MAIN CP
	(t)	(t-1)	(t-2)				
1	-	-	-	-			
2	-	-	-	-			
3	-	-	-	-			
4	-	-	-	-			
5	-	-	-	-			
6	-	-	-	-			
7	-	-	-	-			
8	-	-	-	-			
9	-	-	-	-			
10	-	-	-	-			
11	-	-	-	-			
12	-	-	-	-			
13	16	0	0	16	16		
14	16	16	0	16	16		
15	0	16	16	16	16		
16	0	0	16	16	16		
17	0	20	16	20	20		
18	33	16	0	33	33	33	
19	33	16	0	33	33	33	
20	0	16	16	16	16		
21	16	33	33	33	33		
22	0	16	16	16	16		
23	0	0	16	16	16		
24	16	0	0	16	16		
25	50	50	50	50	50		50
26	50	50	50	50	50		50
27	16	33	33	33	33		33
MEAN	16.4	18.8	17.47	25.33	18.10	33.00	44.33
TOTAL	246	282	262	380	181	66	133
N	15	15	15	15	10	2	3

Figure 2-71. Percent accuracy of friendly situation maps - alternate maximum - G3 element allowable error 1500M).

PLAYER MEAS NO (t)	RATING FOR CONTROL MEASUREMENT NO			BASE RATING	NORMAL OPERATIONS	DURING DISP OF MAIN CP	AFTER DEST OF MAIN CP
	(t)	(t-1)	(t-2)				
1	-	-	-	-	-	-	-
2	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-
7	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-
13	16	0	16	16	16	-	-
14	33	0	0	33	33	-	-
15	33	33	0	33	33	-	-
16	20	33	33	33	33	-	-
17	16	40	16	40	40	-	-
18	60	0	0	60	60	60	-
19	40	40	20	40	40	40	-
20	0	16	16	16	16	-	-
MEAN	27.25	20.25	12.63	33.86	28.50	50.00	-
TOTAL	218	162	101	271	171	100	-
N	8	8	8	8	6	2	-

Figure 2-72. Percent accuracy of friendly situation maps - alternate maximum fire support element (allowable error 1500%).

PLAYER MEAS NO (t)	RATING FOR CONTROL MEASUREMENT NO		BASE RATING	NORMAL OPERATIONS	DURING DISP OF MAIN CP	AFTER DEST OF MAIN CP
	(t)	(t-2)				
1	60	-	60	60		
2	60	-	60	60		
3	25	20	25	25		
4	20	20	24	24		
5	50	20	50	50		
6	50	0	50		50	
7	16	33	33		33	
8	16	0	16	16		
9	40	16	40	40		
10	33	0	33	33		
11	33	33	33	33		
12	0	50	50	50		
13	0	33	33	33		
14	33	0	33	33		
15	33	0	33	33		
16	20	33	33	33		
17	16	0	16	16		
18	16	0	16	16	16	
19	0	0	0	0	0	
20	0	0	0	0		
21	16	16	16	16		
22	0	16	16	16		
23	0	16	16	16		
24	16	16	16	16		
25	16	16	16	16		
26	16	16	16	16		
27	0	16	16	16		16
28	0	16	16	16		16
MEAN	20.89	15.30	27.36	30.05	24.75	16.00
TOTAL	585	413	766	603	99	64
N	28	27	28	20	4	4

Figure 2-73. Percent accuracy of friendly situation maps - DISCOM S3 element (allowable error 1500M).

PLAYER MEAS NO (t)	RATING FOR CONTROL MEASUREMENT NO		BASE RATING	NORMAL OPERATIONS	DURING DISP OF MAIN CP	AFTER DEST OF MAIN CP
	(t)	(t-2)				
1	80	-	80	80		
2	83	-	83	83		
3	80	66	80	80		
4	66	100	100	100		
5	66	100	100	100		
6	50	50	50	50	50	
7	-	-	-	-	-	
8	16	16	33	33		
9	0	16	16	16		
10	0	16	16	16		
11	16	16	16	16		
12	16	0	16	16		
13	16	0	16	16		
14	16	0	16	16		
15	16	16	16	16		
16	16	0	16	16		
17	20	16	20	20		
18	-	-	-	-	0	
19	0	0	0	0	0	
20	0	0	0	0	0	
21	0	0	0	0		
22	-	-	-	-		
23	-	-	-	-		
24	-	-	-	-		
25	-	-	-	-		
26	0	0	0	0		0
27	0	0	0	0		0
MEAN	27.05	23.42	32.9	40.53	16.67	0.00
TOTAL	541	445	658	608	50	2
N	18	17	18	15	3	0

Figure 2-74. Percent accuracy of friendly situation maps - division artillery S3 element (allowable error 1500M).

PLAYER MEAS NO (t)	RATING FOR CONTROL MEASUREMENT NO			BASE RATING	NORMAL OPERATIONS	DURING DISP OF MAIN CP	AFTER DEST OF MAIN CP
	(t)	(t-1)	(t-2)				
1	40	-	-	40	40		
2	40	40	-	40	40		
3	50	40	40	50	50		
4	40	50	40	50	50		
5	40	40	50	50	50		
6	20	40	40	40	40	40	
7	20	20	40	40	40	40	
8	50	75	50	75	75		
9	33	25	25	33	33		
10	40	50	0	50	50		
11	20	20	50	50	50		
12	20	0	20	20	20		
13	0	0	0	0	0		
14	50	0	0	50	50		
15	50	25	0	50	50		
16	50	25	25	50	50		
17	0	0	0	0	0		
18	0	0	0	0	0	0	
19	0	0	0	0	0	0	
20	25	0	0	25	25		
21	50	50	0	50	50		
22	25	25	25	25	25		
23	25	0	25	25	25		
24	50	0	0	50	50		
25	50	50	0	50	50		50
26	50	50	50	50	50		50
MEAN	31.46	25.00	20.00	37.04	39.15	20.00	50.00
TOTAL	818	625	480	963	783	80	100.
N	26	25	24	26	20	4	2

Figure 2-75. Percent accuracy of friendly situation maps - brigade S3 element (allowable error 1500M).

PLAYER MEAS NO (t)	RATING FOR CONTROL MEASUREMENT NO			BASE RATING	NORMAL OPERATIONS	DURING DISP OF MAIN CP	AFTER DEST OF MAIN CP
	(t)	(t-1)	(t-2)				
1	25	-	-	25	25		
2	25	25	-	25	25		
3	33	25	25	33	33		
4	50	66	50	66	66		
5	50	50	66	66	66		
6	-	-	-	-	-	-	
7	-	-	-	-	-	-	
8	0	25	25	25	25		
9	0	0	25	25	25		
10	-	-	-	-	-		
11	0	0	0	0	0		
12	-	-	-	-	-		
13	0	0	0	0	0		
14	0	0	0	0	0		
15	0	0	0	0	0		
16	0	0	0	0	0		
17	-	-	-	-	-		
MEAN	15.25	17.36	19.1	22.08	22.08		
TOTAL	183	191	191	265	265		
N	13	11	10	12	12		

Figure 2-76. Percent accuracy of friendly situation maps - brigade S4 element (allowable error 1500M).

PLAYER MEAS NO (t)	RATING FOR CONTROL MEASUREMENT NO			BASE RATING	ACRUAL OPERATIONS	RANGE OF MAIN CP	RANGE OF SUB CP
	(t)	(t-1)	(t-2)				
1	75	-	-	75	75		
2	50	50	-	50	50		
3	66	50	50	66	66		
4	75	0	0	75	75		
5	50	25	0	50	50		
6	25	0	0	25		25	
7	50	0	0	50		50	
8	25	0	0	25	25		
9	50	25	0	50	50		
10	100	0	0	100	100		
11	0	25	25	25	25		
12	0	0	25	25	25		
13	0	0	0	0	0		
14	75	50	0	75	75		
15	50	0	25	50	50		
16	50	0	0	50	50		
17	0	0	0	0	0		
18	0	0	0	0	0	0	
19	75	0	0	75		75	
20	25	25	0	25	25		
21	75	0	0	75	75		
22	75	50	0	75	75		
23	50	25	0	50	50		
24	50	50	25	50	50		
25	50	50	50	50	50		
26	75	75	75	75	75		
27	25	25	25	25	25		
28	25	100	0	100			
MEAN	45.21	23.15	11.54	49.68	49.55	37.50	62.50
TOTAL	1266	625	300	1391	991	150	250
N	28	27	26	28	20	4	4

Figure 2-77. Percent accuracy of friendly situation maps - battalion S3 element (allowable error 10M).

PLAYER MEAS NO (t)	RATING FOR CONTROL MEASUREMENT NO			BASE RATING	ACRUAL OPERATIONS	RATING DISP OF MAIN CP	RATING DISP OF MAIN CP
	(t)	(t-1)	(t-2)				
1	75	-	-	75	75		
2	50	50	-	50	50		
3	66	50	50	66	66		
4	75	0	0	75	75		
5	50	25	0	50	50		
6	-	-	0	-		50	
7	50	25	0	50			
8	50	0	0	50	50		
9	50	25	0	50	50		
10	100	0	0	100	100		
11	0	25	25	25	25		
12	0	0	-	25	25		
13	0	0	0	0	0		
14	25	50	0	75	75		
15	-	-	-	-	-		
16	50	50	0	50	50		
17	0	0	0	0	0		
18	0	0	0	0		0	
19	75	0	0	75		75	
20	0	0	0	0	0		
21	50	0	0	50	50		
22	75	25	0	75	75		
23	75	25	0	75	75		
24	25	25	25	25	25		
25	25	25	25	25	25		25
26	75	75	75	75	75		75
27	100	0	0	100			100
MEAN	47.64	19.79	9.78	49.64	48.21	41.67	66.67
TOTAL	1191	475	225	1291	916	125	200
N	25	24	23	25	19	3	3

Figure 2-78. Percent accuracy of friendly situation maps - battalion S4 element (allowable error 1500').



Figure 2-79. FRENSIT map data, control.

PAGE 001 *****

PMS-NO *****	4FAS-NO *****	4-TIME *****	2ND-RDF *****	1ST-BOE *****	1/50MECH *****	1/6AIMOR *****	1/25APTY *****	1/45MECH *****	1/85 A CO *****	1/85 B CO *****	1/85 C CO *****	CARD-CODE *****
M3312	01	121900	PL060250	PL2C7284	PL208305	PL224284	PL224284	PL160345				321
M3312	02	122300	PL060250	PL2C7284	PL243312	PL224284	PL224284	PL174334				321
M3312	03	130330	PL060250	PL2C7284	PL243312	PL224284	PL224284	PL174334				321
M3311	04	130330	PL060250	PL2C7284	PL243312	PL224284	PL224284	PL174334				321
M3311	05	131126	PL060250	PL207284	PL243312	PL224284	PL224284	PL174334				321
M3311	06	131330	PL066349	PL2C7284	PL243312	PL208354	PL210350	PL194402				321
M3311	07	131730	PL066349	PL207284	PL243312	PL208354	PL210350	PL194402				321
M3312	08	132130	PL066349	PL2C7284	PL223285	PL223285	PL210350	PL174355				321
M3312	09	132230	PL066349	PL2C7284	PL223285	PL223285	PL210350	PL174355				321
M3311	10	130730	PL066349	PL137400	PL184407	PL217414	PL216405	PL171425				321
M3311	11	141130	PL066349	PL157400	PL154437	PL217414	PL216405	PL171425				321
M3311	12	130530	PL066349	PL157400	PL154437	PL217414	PL216405	PL171425				321
M3311	13	130530	PL066349	PL137400	PL223540	PL217414	PL216405	PL170540				321
M3312	14	130530	PL066349	PL137400	PL223540	PL217414	PL216405	PL162573				321

Figure 2-80. FRENIT map data, Div G3 operations.

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TEST 113
CAT304 LISTINGS POSTER 1

RY LT. HILL GROUP
FSE MAIN

POS-NI	MAIS-NO	M-TIME	2ND-3DE	1ST-ROE	1/HOMECH	1/4APTY	1/3MECH	1/85 A CO	1/85 G CO	CARD-CODE
M3372	01	12100	PL059250	PL222275	PL207305	PL224267	PL250238	PL159347		321
M3372	02	122300	PL059250	PL222275	PL207305	PL224267	PL250238	PL159347		321
M3372	03	123530	PL059250	PL222275	PL207305	PL224267	PL250238	PL159347		321
M3371	04	140130	PL059250	PL222275	PL241352	PL224265	PL223232	PL134392		321
M3371	05	141134	PL059250	PL222275	PL241352	PL224265	PL224262	PL134342		321
M3371	06	141450	PL059250	PL222275	PL241351	PL224265	PL224262	PL134342		321
M3371	07	141730	PL059250	PL222275	PL241351	PL224265	PL224262	PL134342		321
M3372	08	142030	PL064347	PL208225	PL225372	PL224265	PL224262	PL134342		321
M3372	09	142450	PL064347	PL208225	PL225372	PL224265	PL224262	PL134342		321
M3371	10	140730	PL064347	PL134342	PL134342	PL224265	PL224262	PL134342		321
M3371	11	141730	PL059250	PL134342	PL224265	PL224262	PL224262	PL134342		321
M3371	12	141930	PL064347	PL134342	PL224265	PL224262	PL224262	PL134342		321
M3371	13	141330	PL064347	PL134342	PL224265	PL224262	PL224262	PL134342		321
M3372	14	140130	PL064347	PL134342	PL224265	PL224262	PL224262	PL134342		321

Figure 2-81. FRENIT map data, FSE Main CP.

***** (2/26/74) *****

***** TEST 114 *****

***** CATALOG CLASSIFICATION *****

***** BY LT. JILL P. HAN *****

***** CCF MAIN *****

***** PAGE 002 *****

POS-NO *****	MEAS-NO *****	M-TRNG *****	2ND-BDF *****	1ST-BDF *****	1/4A-MCH *****	1/4A-RTV *****	1/25MECH *****	1/85 A CO *****	1/85 B CO *****	1/85 C CO *****	CARD-CODE *****
M3372	15	150100	PL063354	PL140425	PL230500	PL172521	PL250520	PL170500			321
M3372	16	150540	PL043354	PL188425	PL260540	PL191577	PL213553	PL184630			321
M3371	17	150040		PL155425	PL230630	PL200520	PL213554	PL210500			321
M3371	19	171530	PL162534	PL207524	PL300640	PL315560	PL200650	PL255695			321
M3371	20	171530	PL162534	PL207524	PL300640	PL270753	PL200640	PL304740			321
M3372	21	151130	PL040720	PL203640	PL351202	PL340730	PL250740	PL340779			321
M3372	22	160040	PL040720	PL367762	PL373827	PL274514	PL302761	PL338844			321
M3372	23	160030	PK040720	PK367762	PK373827	PK374414	PK302761	PK338944			321
M3372	24	160430	PL040720	PL367762	PL340864	PL267897	PL314790	PL338944			321

Figure 2-81 (cont). FRENCH map data, FSE Main CP.

***** 01/06/74 *****

TEST 110

CALCULATIONS

***** PAGE 002 *****

BY 17, JUL 4, 1974

G3 ALT

POS-NO	AFAS-NO	A-TIME	2 TIME	ISI-POS	1/85MECH	1/85MECH	1/85 A CO	1/85 B CO	1/85 C CO	CARD-CODE
A3022	22	140030	PL044650	PL301601	PL307308	PL307213	PL309750	PL349431		321
A3023	23	140031	PL044652	PL204491	PL308130	PL307213	PL307750	PL349431		321
A3024	24	140031	PL044657	PL204491	PL308022	PL307213	PL307750	PL349431		321
A3025	25	140031	PL044670	PL342791	PL308051	PL307213	PL307750	PL349431		321
A3026	26	140031	PL044670	PL342791	PL308051	PL307213	PL307750	PL349431		321
A3027	27	140031	PL044670	PL342791	PL308051	PL307213	PL307750	PL349431		321

Figure 2-82 (cont). FRENIT map data, G3 alt CP.

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TEST 110

CAT505 LISTING'S QUESTION 1

***** PAGE 001 *****

BY 11. CHIL

DISC 10

PCS-NO 4EAS-AL 1/11/74 200-905 151-905 1/302ECH 1/95 A CO 1/85 B CO 1/85 C CO CARD-CODE

S3A31 01 121100 PL060251 PL245263 PL204305 PL226335 PL160334 321

S3A31 02 122100 PL060251 PL245263 PL204305 PL226335 PL160334 321

S3A31 03 130600 PL060263 PL205309 PL230314 PL222222 PL154350 321

S3A31 04 130400 PL060263 PL205309 PL230314 PL222222 PL154350 321

S3A31 05 131100 PL060263 PL205309 PL230314 PL222222 PL154350 321

S3A31 06 131400 PL060263 PL205309 PL230314 PL222222 PL154350 321

S3A31 07 131700 PL060352 PL217209 PL232373 PL230314 PL192420 321

S3A31 08 132000 PL060352 PL217309 PL232373 PL230314 PL192420 321

S3A31 09 132300 PL060352 PL217309 PL232373 PL230314 PL192420 321

S3A31 10 140700 PL060352 PL202287 PL190400 PL214473 PL180455 321

S3A31 11 141200 PL060352 PL202287 PL190400 PL214473 PL180455 321

S3A31 12 141500 PL060352 PL190422 PL230373 PL210447 PL175450 321

S3A31 13 141800 PL060352 PL190422 PL230373 PL210447 PL175450 321

S3A31 14 142100 PL060352 PL190422 PL230373 PL210447 PL175450 321

Figure 2-85. FRENSIT map data, S3 DISCOM.

5217610

TEST 119

QUESTIONS

3-A. 7710. PILL BOX

3.16.2

PAGE 001

DATE	TIME	24H-BDE	1ST-BDE	1/40MECH	1/45ACTV	1/45MECH	1/85 A CO	1/85 B CO	1/85 C CO	CARD-CODE
01	121000	PL207284	PL243312	PL174254	PL174313	PL174334				321
02	122300	PL207284	PL243312	PL224244	PL174313	PL174334				321
03	120530	PL207284	PL243312	PL224244	PL174313	PL174334				321
04	120800	PL173743	PL243312	PL224245	PL226242	PL114417				321
05	121135	PL173743	PL243312	PL224245	PL226282	PL114417				321
06	141430	PL173743	PL228309	PL224245	PL226232	PL114417				321
07	131730	PL173743	PL228309	PL224245	PL226232	PL114417				321
08	132030	PL207284	PL224307	PL174254		PL171425				321
09	132330	PL207284	PL194407	PL174254		PL171425				321
10	133700	PL173743	PL184407	PL217416	PL224243	PL171425				321
11	143000	PL172743	PL217400	PL217400	PL224243	PL171425				321
12	141430	PL173743	PL224544	PL174254	PL224243	PL178532				321
13	141430	PL173743	PL224544	PL224544	PL224243	PL171565				321
14	140000	PL174000	PL224506	PL174540		PL162573				321

2

Figure 2-86. FRENIT map data, Bde S3.

No. 65

***** 02/26/74 ***** PAGE 001 *****

POS-NO	MEAS-NO	M-TIME	2ND-BDE	1ST-BDE	1/89MECH	1/6ARMOR	1/45ARTY	1/85MECH	1/85 A CO	1/85 B CO	1/85 C CO	CARD-COOR
F3P32	01	122100						PL184317	PL184344	PL176334	PL167347	322
F3P32	02	130427						PL184317	PL184344	PL171333	PL193347	322
F3P31	03	130700						PL184317	PL184344	PL171333	PL193347	322
F3P31	04	130930						PL158382	PL181379	PL167375	PL163387	322
F3P31	05	131136						PL160394	PL183392	PL178398	PL166392	322
F3P31	06	131430						PL165420	PL188416	PL178413	PL175415	322
F3P31	07	131730						PL166423	PL188421	PL179419	PL179421	322
F3P32	08	132215						PL162435	PL186946	PL167443	PL168448	322
F3P32	09	140425						PL164433	PL183452	PL178449	PL169449	322
F3P31	10	140730						PL175458	PL183470	PL162467	PL170467	322
F3P31	11	141230						PL156 64	PL169466	PL277482	PL162476	322
F3P31	12	141530						PL158464	PL169466	PL277482	PL162476	322
F3P31	13	141830						PL160578	PL171565	PL178572	PL165573	322
F3P32	14	142130						PL169601	PL183603	PL173603	PL177597	322

Figure 2-88. FRENIT map data, Bn \$3.

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 *
 * TEST 110 *
 *
 * CAT303 LISTINGS QUESTION 1 *
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***** PAGE 002 *****

POS-NO *****	MEAS-NO *****	M-TIME *****	2ND-RDE *****	1ST-RDE *****	1/99MECH *****	1/6APMCH *****	1/45ARTV *****	1/45MECH *****	1/85 A CO *****	1/85 B CO *****	1/85 C CO *****	CARD-CODE *****
F3P32	15	150100						PL178610	PL170583	PL182627	PL175628	322
F3P32	16	150600						PL171651	PL192652	PL186649	PL171658	322
F3P31	17	150930						PL171653	PL211678	PL194678	PL211699	322
F3P31	18	151230						PL233685	PL233691	PL219692	PL240683	322
F3P31	19	151530						PL312757	PL305745	PL313737	PL320757	322
F3P32	20	151930						PL319767	PL316758	PL328752	PL323767	322
F3P32	21	152200						PL322834	PL341831	PL342827	PL352831	322
F3P32	22	160230						PL318839	PL339849	PL333857	PL336834	322
F3P32	23	160330						PL319845	PL328847	PL320861	PL325950	322
F3P32	24	160430						PL314850	PL331543	PL332863	PL322859	322
F3P32	25	160530						PL314950	PL331542	PL332863	PL322855	322
F3P31	26	160630						PL329859	PL329854	PL333864	PL313855	322
F3P31	27	160730						PL313855	PL313835	PL313835	PL323862	322
F3P31	28	160800						PL302860	PL302860	PL310869	PL292856	322

Figure 2-88 (cont). FRENST map data, Bn S3.

111

 *
 * TEST 112
 *
 *
 * CAT301 LISTINGS QUESTION 1
 *

 ***** 02/26/74 *****

 *
 * AV LT. BILL (W)
 *
 *
 * S4 9N
 *

POS-NO	MEAS-NO	M-TIME	2ND-BDE	1ST-BDE	1/89MECH	1/68ARUP	1/45ARTY	1/95MECH	1/85 A CO	1/85 B CO	1/85 C CO	CARD-CODE
F3P42	01	132100			PL184317	PL184344	PL176334	PL167347	322			
F3P42	02	130430			PL184317	PL184344	PL171333	PL193347	322			
F3P41	03	130700			PL184317	PL184344	PL171333	PL193347	322			
F3P41	04	130930			PL158382	PL181379	PL167375	PL163387	322			
F3P41	05	131136			PL160394	PL183392	PL178398	PL166392	322			
F3P42	07	131000			PL165420	PL188416	PL178413	PL175415	322			
F3P42	08	132215			PL162435	PL185446	PL167443	PL168448	322			
F3P42	09	132230			PL164433	PL183452	PL178449	PL169449	322			
F3P41	10	140730			PL175458	PL183470	PL162467	PL170467	322			
F3P41	11	141230			PL159464	PL169466	PL277482	PL162476	322			
F3P41	12	141530			PL158464	PL169466	PL277482	PL162476	322			
F3P41	13	141330			PL160578	PL171565	PL178572	PL165573	322			
F3P42	14	142130			PL169601	PL183603	PL173603	PL177597	322			
F3P42	16	140630			PL176634	PL189638	PL180636	PL189632	322			

Figure 2-89. FRENCH map data, Bn S4.

***** 02/26/74 ***** PAGE 002 *****

TEST 119

CAT303 LISTINGS QUESTION 1

BY LT. BILL BROWN

S4 GN

POS-NO 4FAS-NO W-TIME 2ND-BDE 1ST-RDE 1/85MECH 1/4ARMOR 1/45ARTY 1/85MECH 1/85 A CO 1/85 B CO 1/85 C CO CARD-CODE

F3P41	17	150330			PL171653	PL211678	PL194678	PL211699	322
F3P41	18	151240			PL233685	PL233691	PL219692	PL240683	322
F3P41	19	151530			PL312757	PL305745	PL313737	PL320757	322
F3P42	20	152030			PL340814	PL356890	PL355812	PL359805	322
F3P42	21	152200			PL322934	PL341831	PL342827	PL382831	322
F3P42	22	160230			PL318839	PL329849	PL333857	PL334834	322
F3P42	23	160330			PL319845	PL328847	PL320861	PL325858	322
F3P42	24	160430			PL314850	PL331543	PL332863	PL022899	322
F3P42	25	160530			PL314850	PL331542	PL332863	PL022899	322
F3P41	26	160630			PL329859	PL329854	PL333864	PL313855	322
F3P41	27	160600			PL302860	PL302860	PL310869	PL292854	322

Figure 2-89 (cont). FRENCH map data, Bn S4.

CONDITIONS OF RATING	G2 COLL, COORD & DISSEM	G2 ANAL & PRODUCTION	G2 ALTERNATE (MINIMUM) CP	G2 ALTERNATE (MAXIMUM) CP	S2 DIVISION ARTILLERY	S2 BRIGADE BICC	S2 BATTALION BICC
BASE RATING	95.94	95.33	96.75	87.75	91.08	84.62	92.14
NORMAL OP	96.06	94.40	96.75	90.60	91.58	85.00	95.67
DURING DISP OF MAIN CP	95.00	100.00	-	80.50	88.50	100.00	100.00
AFTER DEST OF MAIN CP	-	-	-	84.50	91.33	50	50.00
t == t	90.06	95.33	89.50	84.75	86.12	78.62	79.25
t = t-1	90.82	98.94	90.00	85.93	86.12	71.20	80.90
t = t-2	84.44	95.67	91.50	84.94	83.63	73.13	88.58

Figure 2-90. Accuracy ratings of enemy situation maps

2-94

PLAYER MEAS NO (t)	RATING FOR CONTROL MEASUREMENT NO			BASE RATING	NORMAL OPERATIONS	DURING DISP OF MAIN CP	AFTER DEST OF MAIN CP
	(t)	(t-1)	(t-2)				
1	-	-	-	-	-		
2	-	100	-	100	100		
3	66	66	66	66	66		
4	75	50	50	75	75		
5	80	80	100	100	100		
6	-	-	-	-	-	-	
7	90	90	88	90	90	90	
8	100	80	80	100	100		
9	100	100	84	100	100		
10	100	88	100	100	100		
11	66	100	77	100	100		
12	100	100	100	100	100		
13	100	100	100	100	100		
14	100	100	100	100	100		
15	100	100	100	100	100		
16	-	-	-	-	-	100	
17	100	90	90	100	-	-	
18	-	-	-	-	-	-	
19	83	100	100	100	100		
20	81	100	16	100	100		
21	100	100	100	100	100		
MEAN	90.06	90.82	84.44	95.94	96.06	95.00	
TOTAL	1441	1544	1351	1631	1441	190	
N	16	17	16	17	15	2	

Figure 2-91. Accuracy ratings of enemy situation map - G2 collection, coordination and dissemination element.

2-912

PLAYER MEAS NO (t)	RATING FOR CONTROL MEASUREMENT NO			BASE RATING	NORMAL OPERATIONS	DURING DISP OF MAIN CP	AFTER DEST OF MAIN CP
	(t)	(t-1)	(t-2)				
1	100	-	-	100	100		
2	100	100	-	100	100		
3	100	100	100	100	100		
4	33	-	-	33	33		
5	83	83	75	83	83		
6	-	-	-	-	-		
7	100	100	80	100	100	100	
8	100	100	100	100	100		
9	100	100	100	100	100		
10	100	100	100	100	100		
11	100	100	100	100	100		
12	100	100	100	100	100		
13	100	100	100	100	100		
14	100	100	100	100	100		
15	100	100	100	100	100		
16	100	100	100	100	100		
17	100	100	100	100	100		
18	-	-	-	-	-	100	
19	100	100	100	100	100		
20	100	100	80	100	100		
MEAN	95.33	98.94	95.96	95.93	94.40	100.00	
TOTAL	1716	1583	1435	1716	1416	200	
N	18	16	15	18	15	2	

Figure 2-92. Accuracy ratings of enemy situation map - G2 analysis and plans element.

2-43

PLAYER MEAS NO (t)	RATING FOR CONTROL MEASUREMENT		BASE RATING	NORMAL OPERATIONS	DURING DISP OF MAIN CP	AFTER DEST OF MAIN CP
	(t)	(t-1)				
1						
2						
3						
4						
5						
6						
7						
8	95	90	95	95		
9	74	96	96	96		
10	89	74	96	96		
11	-	-	-	-		
12	100	100	100	100		
13						
14						
MEAN	89.50	90.00	96.75	96.75		
TOTAL	358	360	387	387		
N	4	4	4	4		

Figure 2-93. Accuracy ratings of enemy situation map - alternate minimum G2 element.

2-95
3

PLAYER MEAS NO (t)	RATING FOR CONTROL MEASUREMENT NO		BASE RATING	NORMAL OPERATIONS	DURING DISP OF MAIN CP	AFTER DEST OF MAIN CP
	(t)	(t-1)				
1	-	-	-			
2	-	-	-			
3	-	-	-			
4	-	-	-			
5	-	-	-			
6	-	-	-			
7	-	-	-			
8	-	-	-			
9	-	-	-			
10	-	-	-			
11	-	-	-			
12	-	-	-			
13	82	93	93	93		
14	96	90	96	96		
15	94	94	94	94		
16	92	92	92	92		
17	79	87	87	87		
18	72	75	76	76	76	
19	85	82	85	85	85	
20	63	84	85	85		
21	100	85	100	100		
22	85	87	87	87		
23	85	85	87	87		
24	85	85	85	85		
25	85	85	85	85		85
26	85	83	85	85		85
27	85	85	85	85		85
28	83	83	83	83		83
MEAN	84.75	85.93	87.75	90.60	80.50	84.5
TOTAL	1356	1375	1404	906	161	338
N	16	16	16	10	2	4

Figure 2-94. Accuracy ratings of enemy situation map - alternate maximum G2 element.

294
4

PLAYER MEAS NO (t)	RATING FOR CONTROL MEASUREMENT NO			BASE RATING	NORMAL OPERATION	DURING DISP OF MAIN CP	AFTER DEST OF MAIN CP
	(t)	(t-1)	(t-2)				
1	100	-	-	100	100		
2	100	100	-	100	100		
3	60	60	60	60	60		
4	77	80	80	80	80		
5	66	66	80	80	80		
6	83	72	72	83		83	
7	90	90	88	90		90	
8	85	78	78	85	85		
9	67	96	85	96	96		
10	91	76	90	91	91		
11	88	96	76	96	96		
12	91	88	96	96	96		
13	100	96	100	100	100		
14	83	95	100	100	100		
15	78	78	95	95	95		
16	86	83	83	86	86		
17	-	-	-	-	-		
18	85	96	82	96		96	
19	80	85	63	85		85	
20	65	80	85	85	85		
21	90	74	79	90	90		
22	100	90	61	100	100		
23	100	100	90	100	100		
24	100	100	100	100	100		
25	100	100	100	100	100		100
26	93	93	93	93			93
27	81	81	70	81			81
28	-	-	-	-			-
MEAN	86.12	86.12	83.63	91.08	91.58	88.50	
TOTAL	2239	2153	2007	2368	1743	354	
N	26	25	24	26	19	4	3

Figure 2-95. Accuracy ratings of the enemy situation map - division artillery S2 element.

2-96
25

PLAYER MEAS NO (t)	RATING FOR CONTROL MEASUREMENT NO		BASE RATING	NORMAL OPERATION	DURING DISP OF MAIN CP	AFTER DEST OF MAIN CP
	(t)	(t-1)				
1	100	-	100	100		
2	100	100	100	100		
3	100	100	100	100		
4	85	100	100	100		
5	85	85	100	100		
6	100	87	100	100	100	
7	100	100	100	100	100	
8	100	100	100	100		
9	100	100	100	100		
10	100	100	100	100		
11	83	100	100	100		
12	100	83	100	100		
13	100	100	100	100		
14	100	100	100	100		
15	100	100	100	100		
16	100	100	100	100		
17	100	100	100	100		
18	25	100	100	100	100	
19	100	100	100	100	100	
20	66	25	100	100		
21	100	100	100	100		
22	0	0	0	0		
23	0	0	0	0		
24	0	0	0	0		
25	0	0	0	0		0
26	100	0	0	0		100
MEAN	78.62	71.20	84.62	85.00	100.00	50.00
TOTAL	2044	1780	2200	1700	400	100
N	26	25	26	20	4	2

Figure 2-96. Accuracy ratings of the enemy situation map - brigade S2 BICC element.

2-97

PLAYER MEAS NO (t)	RATING FOR CONTROL MEASUREMENT NO		BASE RATING	NORMAL OPERATION	DURING DISP OF MAIN CP	AFTER DEST OF MAIN CP
	(t)	(t-1)				
1	50	-	50	50		
2	85	85	85	85		
3	100	100	100	100		
4	100	100	100	100		
5	100	100	100	100		
6	100	100	100	100	100	
7	100	83	100	100	100	
8	100	100	100	100		
9	-	-	-	-		
10	100	0	100	100		
11	100	100	100	100		
12	100	100	100	100		
13	100	100	100	100		
14	100	100	100	100		
15	100	100	100	100		
16	-	-	-	-		
17	100	100	100	100		
18	50	100	100	100	100	
19	0	100	100	100	100	
20	-	0	100	100		
21	100	100	100	100		
22	-	-	-	-		
23	-	-	-	-		
24	-	-	-	-		
25	-	-	-	-		
26	0	50	50	50		50
27	0	0	50	50		50
MEAN	79.25	80.9	92.14	95.67	100.00	50.00
TOTAL	1585	1618	1935	1435	400	100
N	20	20	21	15	4	2

Figure 2-97. Accuracy ratings of the enemy situation map - battalion S2 BICC element.

2-98

TYPE MAP	TYPE ALTERNATE CP					
	MIN		MAX		DIV ARTY	
	PCT	SAMPLE SIZE	PCT	SAMPLE SIZE	PCT	SAMPLE SIZE
G2 ENEMY SIT MAP	96.75	4	87.75	17	83.83	6
G3 FRIENDLY SIT MAP	31.60	5	16.40	15	88.6	6

Figure 2-98. Accuracy ratings of maps at alternate CP's.

 *
 * TFST 119 *
 * *
 * CON-D LISTINGS QUESTION 2 *
 * *
 * BY LT. BILL BROWN *
 * *
 * *****

POSITION-NO *****	MEASURE-NO *****	TIME ***	LOCATION *****	LOCATION *****	LOCATION *****	LOCATION *****	CARD-CODE *****
GE003	01	121900	PL1645	PL1849	PL2044	PL2343	503
GE003	01	121900	PL3045				503
GE003	02	122300	PL1645	PL1849	PL2044	PL2343	503
GE003	02	122300	PL3045				503
GE003	03	130530	PL1645	PL1849	PL2044	PL2343	503
GE003	03	130530	PL3045				503
GE004	04	130830	PL3534	PL2344	PL2045	PL3146	503
GE004	04	130831	PL1745	PL1950	PL2166		503
GE004	05	131136	PL3534	PL2344	PL2045	PL3146	503
GE004	05	131137	PL1746	PL1950	PL2166		503
GE004	06	131430	PL3139	PL2344	PL2045	PL2945	503
GE004	06	131431	PL1746	PL3148	PL1850	PL3151	503
GE004	06	131432	PL1862	PL1565			503
GE004	07	131730	PL3643	PL2344	PL2045	PL2945	503
GE004	07	131731	PL1746	PL3148	PL1850	PL3151	503
GE004	07	131732	PL1862	PL1565			503
GE003	08	132030	PL1647	PL1650	PL1946	PL2243	503

Figure 2-99. ENSIT map data, source control.

 *
 * TEST 119 *
 * *
 * CON-D LISTINGS QUESTION 2 *
 * *
 * BY LT. BILL BROWN *
 * *

POSITION-NO *****	MEASURE-NO *****	TIME ***	LOCATION *****	LOCATION *****	LOCATION *****	LOCATION *****	CARD-CODE *****
GE003	08	132030	PL2546	PL2849	PL3145	PL1971	503
GE003	08	132030	PL3051	PL1862	PL1771	PL2867	503
GF003	09	132330	PL2346	PL2547	PL3050	PL3052	503
GE003	09	132330	PL1567	PL1568	PL1768	PL1671	503
GE003	09	132330	PL1971	PL2867			503
GF005	10	140744	PL1447	PL2347	PL2647	PL3346	503
GF005	10	140745	PL3050	PL3053	PL1458	PL1463	503
GF005	10	140746	PL2968	PL1565	PL1667	PL1569	503
GF005	10	140748	PL1869	PL1470	PL1771	PL2071	503
GF005	10	140749	PL1577				503
GE004	11	141250	PL1653	PL2052	PL2654	PL3053	503
GE004	11	141251	PL3156	PL2857	PL1460	PL1463	503
GE004	11	141253	PL1669	PL2968	PL1474	PL1674	503
GE004	12	141548	PL2055	PL1656	PL2656	PL3156	503
GE004	12	141549	PL1459	PL3259	PL2760	PL1463	503
GE004	12	141550	PL2968	PL1669	PL1474	PL1674	503
GF005	13	141830	PL1660	PL2059	PL2760	PL3159	503
GF005	13	141830	PL1663	PL3162	PL2965	PL3165	503
GF005	13	141831	PL2666	PL1669	PL3270	PL1474	503
GF005	13	141832	PL1674	PL2973	PL3273		503
GF006	14	142130	PL1464	PL1565	PL1864	PL2064	503

Figure 2-99 (cont). ENSIT map data, source control.

 *
 * TEST 119 *
 * *
 * CON-D LISTINGS QUESTION 2 *
 * *
 * BY LT. BILL BROWN *
 * *

POSITION-NO *****	MEASURE-NO *****	TIME ****	LOCATION *****	LOCATION *****	LOCATION *****	LOCATION *****	CARD-CODE *****
GF006	14	142130	PL2759	PL3059	PL3162	PL2964	503
GF006	14	142135	PL3165	PL3270	PL3272	PL2872	503
GF006	14	142135	PL1069	PL1469	PL1669	PL1371	503
GF006	14	142140	PL1272	PL1373	PL1673	PL1276	503
GF006	14	142140	PL1083	PL1384			503
GF006	15	150100	PL1069	PL1469	PL1669	PL1371	503
GF006	15	150100	PL1272	PL1373	PL1673	PL1276	503
GF006	15	150105	PL1464	PL1565	PL1864	PL2064	503
GF006	15	150105	PL1083	PL1384	PL2762	PL2666	503
GF006	15	150110	PL2867	PL2872	PL3272	PL3270	503
GF006	15	150110	PL3165	PL3163	PL3361		503
GF006	16	150630	PL1060	PL1083	PL1384	PL1466	503
GF006	16	150630	PL1066	PL1174	PL1272	PL1276	503
GF006	16	150635	PL1371	PL1469	PL1373	PL1669	503
GF006	16	150635	PL1770	PL1673	PL1766	PL2066	503
GF006	16	150635	PL3479	PL2872	PL3272	PL3270	503
GF006	16	150640	PL2666	PL2765	PL2966	PL3165	503

Figure 2-99 (cont). ENSIT map data, source control.

 * TEST 119 *
 * * *
 * CON-D LISTINGS QUESTION 2 *
 * * *
 * BY LT. BILL BROWN *
 * * *

POSITION-NO *****	MEASURE-NO *****	TIME ***	LOCATION *****	LOCATION *****	LOCATION *****	LOCATION *****	CARD-CODE *****
GF006	16	150640	PL3164	PL3361			503
GF005	17	150930	PL2666	PL3165	PL2973	PL1669	503
GF005	17	150931	PL1474	PL1674	PL1484		503
GF005	18	151245	PL1573	PL2974	PL3373	PL1675	503
GF005	18	151246	PL1476	PL3177			503
GF005	19	151530	PL1676	PL1679	PL3179	PL3182	503
GF005	19	151531	PL3088	PL1484			503
GF005	20	151830	PL1581	PL2080	PL3179	PL3182	503
GF005	20	151831	PL2791				503
GF006	21	152130	PL3682	PL3385	PL3084	PL3490	503
GF006	21	152130	PL3593	PL3890	PL2984	PL3082	503
GF006	22	160230	PL3188	PL3388	PL3687	PL3490	503
GF006	22	160230	PL3890	PL3987	PL3593		503
GF006	23	160330	PL3188	PL3388	PL3490	PL3890	503
GF006	23	160330	PL3687	PL3987	PL3593		503
GF006	24	160430	PL3188	PL3388	PL3490	PL3890	503
GF006	24	160430	PL3687	PL3987	PL3593		503
GF006	25	160530	PL3188	PL3388	PL3490	PL3890	503
GF006	25	160530	PL3687	PL3987	PL3593		503
GF006	26	160630	PL3189	PL3390	PL3689	PL3990	503
GF006	26	160630	PL3893	PL3396	PL3599		503

Figure 2-99. ENSIT map data, source control.

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*****
*
*      TEST 119
*
*      CON-D LISTINGS QUESTION 2
*
*      BY LT. BILL BROWN
*
*****

```

POSITION-NO *****	MEASURE-NO *****	TIME ****	LOCATION *****	LOCATION *****	LOCATION *****	CARD-CODE *****
GF006	27	160730	PL3599	PL3396	PL3893	503
GF006	27	160730	PL3609	PL3390	PL3189	503
GF006	28	160845	PL3599	PL3396	PL3893	503
GF006	28	160845	PL3689	PL3189	PL3390	503

Figure 2-99 (cont). ENSIT map data, source control.

POSITION-NO *****	MEASURE-NO *****	TIME ***	LOCATION *****	LOCATION *****	LOCATION *****	LOCATION *****	CARD-CODE *****
M3251	17	150930	PL2667	PL3161	PL2871	PL3766	323
M3251	17	150930	PL1471	PL1474	PL1867	PL2268	323
M3251	17	150930	PL0074	PL0270	PL0772	PL1269	323
M3251	19	151530	PL3469	PL3672	PL2672	PL2072	323
M3251	19	151530	PL0876	PL0373	PL0376	NL9876	323
M3251	19	151530	PL1573	PL1476	PL1173	PL1173	323
M3251	19	151530	PL2676	PL2376	PL2172	PL2076	323
M3251	20	151830	NL9581	NL9584	PL0084	PL0084	323
M3251	20	151830	PL3193	PL3384			324
M3251	20	151830	PL2182	PL2685	PL2789	PL3087	323
M3251	20	151830	PL0787	PL1385	PL1290	PL1883	323
M3252	21	152130	PL1885	PL2184	PL2586	PL2388	323
M3252	21	152130	PL3193	PL3504			323

Figure 2-100 (cont). ENSIT map data, G2 CC&D Main CP


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*      TEST 119
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* CATIID-3 LISTINGS QUESTION 2
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02/27/74 ***** PAGE 001
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*      BY LT. BILL BROWN
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*      G2 A&P MAIN
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POSITION-NO *****	MEASURE-NO *****	TIME ***	LOCATION *****	LOCATION *****	LOCATION *****	LOCATION *****	CARD-CODE *****
M3261	01	121900	PL0147	PL2734	PL1747	PL1949	323
M3262	02	122300			PL1846		323
M3262	03	130530			PL1846		323
M3261	04	130830	PL1384	PL0685	PL0187		323
M3261	04	130830	PL1265	PL1866	PL1064	PL0165	323
M3261	05	131125	PL2245	PL1746	PL0841	PL1148	323
M3261	05	131125	PL0146				323
M3261	05	131125	PL2165	PL1866	PL1064	PL0165	323
M3261	06	131430					323
M3261	07	131800	PL2834	PL2145	PL1746	PL1148	323
M3261	07	131800	PL1384				323
M3261	07	131800	PL0146	PL1064	PL0165	PL0685	323
M3262	08	132030	PL1866	PL2265			323

Figure 2-101. ENSIT map data, G2 A&P Main CP.

 * TEST 119 *
 * CAT1110-3 LISTINGS QUESTION 2 *
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 * BY LT. BILL BROWN *
 * G2 A&P MAIN *

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POSITION-NO *****	MEASURE-NO *****	TIME ***	LOCATION *****	LOCATION *****	LOCATION *****	LOCATION *****	CARD-CODE *****
M3262	09	132330	PL3243	PL1866	PL2265		323
M3261	10	140740	PL3151	PL1866			323
M3261	11	141315	PL2552	PL1866	PL2951		323
M3261	12	141530	PL1866	PL2356	PL2956		323
M3261	13	141830	PL3152	PL2257	PL1866		323
M3262	14	142130	PL2257				323
M3262	15	150100	PL2257				323
M3262	16	150630	PL1864				323
M3261	17	150930	PL1864	PL0170	PL1584		323
M3261	19	151600	PL0977				323
M3261	19	151600	PL0070	PL1484			323
M3261	20	151830	PL1484	PL1587			323
M3261	20	151830	PL2373	PL1575	PL0976	PL3881	323

Figure 2-101 (cont). ENSIT map data, G2 A&P Main CP.

 * TEST 119 *
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 * CATIID-3 LISTINGS QUESTION 2 *
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 * BY LT. BILL BROWN *
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 * G2 ALT *
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POSITION-NO *****	MEASURE-NO *****	TIME ****	LOCATION *****	LOCATION *****	LOCATION *****	CARD-CODE *****
A3G22	09	132330	PL2158	PL1951	PL1747	323
A3G22	09	132330	PL2649	PL2245	PL2048	323
A3G22	09	132330	PL2943	PL2742	PL2744	323
A3G21	10	140730	PL0477	PL0077		323
A3G21	10	140730	PL1868	PL2069	PL2071	323
A3G21	10	140730	PL0066	PL1766	PL2166	323
A3G21	10	140730	PL0053	PL0656	PL0359	323
A3G21	10	140730	PL1255	PL1357	PL0753	323
A3G21	10	140730	PL2052	PL2257	PL2158	323
A3G21	10	140730	PL3051	PL2345	PL2149	323
A3G21	10	140730	PL3048	PL2845	PL3245	323
A3G21	10	140730	PL3542	PL2843	PL3044	323
A3G21	12	141530	PL1057	PL1359	PL1662	323
					PL1771	323
					PL2767	323
					PL0964	323
					PL0353	323
					PL1349	323
					PL1848	323
					PL2749	323
					PL3046	323
					PL3062	323

Figure 2-102 (cont). ENSIT map data, G2 alt CP.

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CATIID-3 LISTINGS QUESTION 2

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G2 ALT

POSITION-NO *****	MEASURE-NO *****	TIME ***	LOCATION *****	LOCATION *****	LOCATION *****	CARD-CODE *****
A3621	12	141530	PL205A	PL2256	PL11754	323
A3621	12	141530	PL3351	PL2754	PL3056	323
A3621	12	141530	PL186A	PL2270	PL2071	323
A3621	12	141530	NL976A	PL0869	PL1766	323
A3621	12	141530	PL1059	PL0365	PL0168	323
A3621	12	141530	PL0562	PL1362	PL0964	323
A3621	12	141530	PL0477	PL0076	PL0177	323
A3621	13	141830	PL0859	PL1059	PL0960	323
A3621	13	141830	PL2256	PL2756	PL3057	323
A3621	13	141830	PL1352	PL1753	PL1455	323
A3621	13	141830	PL3474			323
A3621	13	141830	PL2171	PL2270	PL2967	323
A3621	13	141830	PL1766	PL1968	PL2166	323

Figure 2-102 (cont). ENSIT map data. G2 alt CP.

G2 ALT

PAGE 004

G2 ALT

POSITION-NO *****	MEASURE-NO *****	TIME ***	LOCATION *****	LOCATION *****	LOCATION *****	LOCATION *****	CARD-CODE *****
A3G21	13	141830	PLQ372	NL9876	NL9978	PL0477	323
A3G21	13	141830	PL0867	NL9769	PL0269	PL0670	323
A3G21	13	141830	PL1362	PL0664	NL9966	PL0367	323
A3G21	13	141830	PL2558	PL1361	PL1562	PL3062	323
A3G22	14	142130	PL3867	PL3374	PL3261	PL3064	323
A3G22	14	142130	PL1674	PL1273	PL1069	PL0963	323
A3G22	14	142130	PL1765	PL1662	PL1771	PL1471	323
A3G22	14	142130	PL2169	PL1961	PL1864	PL2071	323
A3G22	14	142130	PL2864	PL2861	PL2461	PL2464	323
A3G22	14	142130	PL1182	PL1283	PL0884	PL0688	323
A3G22	14	142130	NL9967	PL0377	NL9875	NL9877	323
A3G22	14	142130	PL0866	PL0565	PL0470	PL0269	323
A3G22	15	150100	PL3867	PL3559	PL3261	PL2961	323

Figure 2-102 (cont). ENSIT map data, G2 alt CP.

 * TEST 119 *
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 * CATIID-3 LISTINGS QUESTION 2 *
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 * BY LT. BILL BROWN *
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 * G2 ALT *
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POSITION-NO *****	MEASURE-NO *****	TIME ****	LOCATION *****	LOCATION *****	LOCATION *****	LOCATION *****	CARD-CODE *****
A3622	15	150100	PL1090	PL1691			325
A3622	15	150100	PL0686	PL0884	PL1182	PL1184	325
A3622	15	150100	NL9886	PL0081	PL0086	PL0688	325
A3622	15	150100	NL9670	NL9875	NL9970	PLQ591	325
A3622	15	150100	PL0377	PL0170	PL0169	NL9967	325
A3622	15	150100	PL0663	PL0565	PL0367	PL0371	325
A3622	15	150100	PL1276	PL0962	PL1062	PL0867	323
A3622	15	150100	PL1462	PL1564	PL1367	PL1271	323
A3622	15	150100	PL2071	PL1861	PL1764	PL1771	323
A3622	15	150100	PL2464	PL2160	PL2062	PL2160	323
A3622	15	150100	PL3064	PL2869	PL3374	PL2560	323
A3622	16	150630	PL3560	PL3563	PL3161	PL3270	325
A3622	16	150630	PL1283	PL1184	PL1385	PL1188	325

Figure 2-102 (cont). ENSIT map data, G2 alt CP.

TEST 119

CATIID-3 LISTINGS QUESTION 2

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BY LT. BILL BROWN

G2 ALT

POSITION-NO *****	MEASURE-NO *****	TIME ***	LOCATION *****	LOCATION *****	LOCATION *****	CARD-CODE *****
A3G22	16	150630	PL0684	PL0787	PL0791	PL0983 325
A3G22	16	150630	NL9875	PL2489	NL9884	PL0182 325
A3G22	16	150630	PL0471	PL0073	PL0073	PL0075 325
A3G22	16	150630	PL1273	PL1276	PL1069	PL0973 325
A3G22	16	150630	PL2065	PL1572	PL1568	PL1374 325
A3G22	16	150630	PL3272	PL2964	PL2865	PL2871 325
A3G21	17	150930	PL3958	PL3661	PL3065	PL2866 323
A3G21	17	150930	PL2287	PL2189	PL3384	PL3093 323
A3G21	17	150930	PL1288	PL1383	PL1486	PL2684 323
A3G21	17	150930	PL0888	PL0892	PL1084	PL1184 323
A3G21	17	150930	PL0085	PL0088	PL0784	PL1184 323
A3G21	17	150930	PL0571	PL0374	PL0072	PL0177 323
A3G21	17	150930	PL1173	PL1474	PL1276	PL1677 323

Figure 2-102 (cont). ENSIT map data, G2 alt CP.

 * TEST 119 *
 * CATIID-3 LISTINGS QUESTION 2 *
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 * AV LT. BILL BROWN *
 * G2 ALT *

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POSITION-NO *****	MEASURE-NO *****	TIME ****	LOCATION *****	LOCATION *****	LOCATION *****	CARD-CODE *****
A3G21	17	150930	PL1871	PL1468	PL1472	323
A3G21	17	150930	PL2867	PL2664	PL2872	323
A3G21	18	151230	PL3284	PL2684	PM3504	323
A3G21	18	151230	PL0775	PL0377	PL0076	323
A3G21	18	151230	PL2769	PL2072	PL1577	323
A3G21	18	151230	PL3863	PL3565	PL3169	323
A3G21	19	151530	PL3385	PL3093	PM3604	323
A3G21	19	151530	PL0988	PL1588	PL1990	323
A3G21	19	151530	NL9973	PL9977	PL0486	323
A3G21	19	151530	PL1077	PL0774	PL0573	323
A3G21	19	151530	PL2172	PL1672	PL1172	323
A3G21	19	151530	PL2873	PL2475	PL2577	323
A3G21	19	151530	PL3876	PL3473	PL3376	323

Figure 2-102 (cont). ENSIT map data, G2 alt CP.

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CATI11D-3 LISTINGS QUESTION 2

BY LT. BILL BROWN

G2 ALT

POSITION-NO *****	MEASURE-NO *****	TIME ***	LOCATION *****	LOCATION *****	LOCATION *****	CARD-CODE *****
A3G21	20	151830	PL2672	PL2675	PL2677	PL1671 323
A3G21	20	151830	PL1588	PL1890	PL2482	PL2685 323
A3G21	20	151830	NL9973	NL9977	PL0487	PL0987 323
A3G21	20	151830	PL0872	PL0774	PL0373	PL0275 323
A3G21	20	151830	PL1775	PL1375	PL1172	PL1076 323
A3G21	20	151830	PL3082	PL3086	PL3384	PL3093 323
A3G22	21	152130	PL2287	PL2484	PL2688	PL3086 323
A3G22	21	152130	PL1285	PL1189	PL11783	PL2081 323
A3G22	21	152130	PL0686	PL0783	PL0881	PL1282 323
A3G22	21	152130	PL3284	PL3287	PL3092	PH3504 323
A3G22	22	160230	PL1285	PL1283	PL1585	PL11783 323
A3G22	22	160230	PL0686	PL1191	PL1189	PL1182 323
A3G22	22	160230	PL0284	PL0089	PL0492	PL0684 323

Figure 2-102 (cont). ENSIT map data, G2 alt CP.

TEST 119

CATIID-3 LISTINGS QUESTION 2

BY LT. BILL BROWN

G2 ALT

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POSITION-NO *****	MFASURE-NO *****	TIME ****	LOCATION *****	LOCATION *****	LOCATION *****	CARD-CODE *****
A3G22	24	160430	PL1285	PL1283	PL1585	325
A3G22	24	160430	PL0686	PL1191	PL1189	325
A3G22	25	160530	PL2287	PL2486	PL2688	325
A3G22	25	160530	PL0492	PL0684	PL0686	325
A3G22	25	160530	PL1285	PL1283	PL1585	325
A3G22	25	160530	PL0686	PL1191	PL1189	325
A3G22	25	160530	PM2300	PM3504	PL3086	325
A3G22	25	160530	PL3287	PL3592	PL3092	325
A3G22	26	160630	PL1191	PL2293	PL2289	325
A3G22	26	160630	NM9704	PM3404	PM1400	325
A3G22	26	160630	PL0285	PL0192	PL0492	325
A3G22	26	160630	PL3089	PL3092	PL3391	325
A3G21	27	160730	PM2300	PL1480	PL1292	323

Figure 2-102 (cont). ENSIT map data, G2 alt CP.

 * TEST 119 *
 * CATIID-3 LISTINGS QUESTION 2 *
 * BY LT. BILL BROWN *
 * G2 ALT *

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POSITION-NO *****	MEASURE-NO *****	TIME ****	LOCATION *****	LOCATION *****	LOCATION *****	LOCATION *****	CARD-CODE *****
A3G21	27	160730	PL2989	PL2691	PL2288	PL2293	323
A3G21	27	160730	PL3491	PL3593	PM3504	PL3093	323
A3G21	27	160730	PL0794	PM0100			
A3G21	27	160730	PL0183	PL0385	PL0193	PL0593	323
A3G21	27	160730	PL1086	PL0784	PL0794	PL0592	323
A3G21	28	160845	PL0183	PL0584	PL0489	PL0784	323
A3G21	28	160845	PL3399	PL3695			
A3G21	28	160845	PM2403	PL2696	PM2700	PL3096	323
A3G21	28	160845	PL1488	PL1891	PL2195	PM2207	323
A3G21	28	160845	PL1086	PL0794	PM0101	PL1292	323

Figure 2-102 (cont). ENSIT map data, G2 alt CP.

 * TEST 119 *
 * CATIID-3 LISTINGS QUESTION 2 *
 * BY LT. BILL ARDMAN *
 * S2 DIV ARTY *

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POSITION-NO *****	MEASURE-NO *****	TIME ****	LOCATION *****	LOCATION *****	LOCATION *****	LOCATION *****	CARD-CODE *****
D3922	01	121900	PL0172	PL1064	PL0165	PL0246	323
D3922	01	121900	PL1163	PL1970	PL1469	PL0771	323
D3922	01	121900	PL1847	PL1449	PL1550	PL2165	323
D3922	02	122300	PL1847	PL1449	PL1550	PL2165	323
D3922	02	122300	PL0747	PL2934	PL3759	PL3759	323
D3922	02	122300	PL0172	PL1064	PL0165	PL0246	323
D3922	02	122300	PL1869	PL1970	PL1469	PL0771	323
D3922	03	130530	PL2346	PL2550	PL1847	PL1257	323
D3922	03	130530	PL0747	PL0724			323
D3922	03	130530	PL1466	PL3368	PL3369	PL1064	323
D3922	03	130530	PL1357	PL0166	PL0072	PL0247	323
D3922	03	130530	PL2166	PL1867	PL1970	PL1569	323
D3921	04	130930	PL0873	PL0963	PL1646	PL2045	323

Figure 2-103. ENSIT map data, S2 Div Artv.

 * TEST 119 *
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 * CATIID-3 LISTINGS QUESTION 2 *
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 02/27/74 ***** PAGE 002
 * *
 * BY LT. BILL BROWN *
 * *
 * S2 DIV ARTY *
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POSITION-NO *****	MEASURE-NO *****	TIME ****	LOCATION *****	LOCATION *****	LOCATION *****	LOCATION *****	CARD-CODE *****
D3921	04	130830	PL0145	PL1048	PL0064	NL9974	323
D3921	04	130830	PL1551	PL1255	PL1365	PL1766	323
D3921	04	130830	PL1671	PL0543	PL0646	PL0145	323
D3921	05	131136	PL1971	PL1766			323
D3921	05	131136	PL1365	PL1766	PL0873	PL1671	323
D3921	05	131136	PL1551	PL1256	PL0963	PL0064	323
D3921	05	131136	PL0646	PL2045	PL1646	PL1048	323
D3921	05	131136	PL2733	PL0643	PL0145	PL0146	323
D3921	06	131430	PL2064	PL1055	PL1255	PL1551	323
D3921	06	131430	PL0064	PL0963	PL1365	PL1766	323
D3921	06	131430	NL9974	PL0873	PL1671	PL1971	323
D3921	06	131430	PL1646				324
D3921	06	131430	PL1048	PL0145	PL0146	PL0646	324

Figure 2-103 (cont). ENSIT map data, S2, Div Artys

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S2 DIV ARTY

S2 DIV ARTY

POSITION-NO *****	MEASURE-NO *****	TIME ***	LOCATION *****	LOCATION *****	LOCATION *****	CARD-CODE *****
D3922	09	132330	PL0757	PL0260	PL0066	323
D3922	09	132330	PL1051	PL0648	PL0448	323
D3922	09	132330	PL2058	PL1652	PL1449	323
D3922	09	132330	PL2347	PL2350	PL2153	323
D3922	09	132330	PL3145	PL3246	PL2546	323
D3922	09	132330	PL1569	PL1356	PL3053	324
D3922	09	132330	PL1823	PL0485	PL2572	324
D3921	10	140730	PL0276	PL0870	PL1070	323
D3921	10	140730	PL0484	PL1782	NL9774	323
D3921	10	140730	PL3045	PL3047	PL3050	323
D3921	10	140730	PL1550	PL2051	PL2545	323
D3921	10	140730	PL1055	PL0050	PL0347	323
D3921	10	140730	PL0656	PL1957	PL2256	323

Figure 2-103 (cont). ENSIT map data, S2, Div Arty.

 TEST 119

 CATION-3 LISTINGS QUESTION 2

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 S2 DIV ARV

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POSITION-NO *****	MEASURE-NO *****	TIME ****	LOCATION *****	LOCATION *****	LOCATION *****	LOCATION *****	CARD-CODE *****
03921	10	140730	PL1464	PL1866	PL1964	PL0258	323
03921	10	140730	PL1971	PL3170	NL9964	PL0864	323
03921	11	141230	PL2744	PL3346	PL3444	PL3045	323
03921	11	141230	NL9854	PL0056	PL1948	PL2247	323
03921	11	141230	PL1562	PL1464	PL1264	PL0962	324
03921	11	141230	PL1957	PL3069	PL3073	PL1971	323
03921	11	141230	PL2054	PL1255	PL1055	PL2256	323
03921	11	141230	PL3249	PL3051	PL2049	PL2051	323
03921	11	141230	PL1283	PL0384	PL0187	NL9891	324
03921	11	141230	PL0371	NL9976	NL9774	PL1782	324
03921	11	141230	PL0762	PL0864	PL0870	PL1070	324
03921	12	141530	NL9891	PL0187	PL0485	PL0384	324
03921	12	141530	PL1071				325

Figure 2-103 (cont). ENSIT map data, S2, Div Arty.

POSITION-NO *****	MEASURE-NO *****	TIME ***	LOCATION *****	LOCATION *****	LOCATION *****	LOCATION *****	CARD-CODE *****
D3922	13	141830	PL0C72	PL0172	PL0486	PL1291	323
D3922	13	141830	PL1172	PL1067	PL0060	PL0575	323
D3922	13	141830	PL1869	PL2071	PL1463	PL1072	323
D3922	13	141830	PL2462	PL2062	PL1965	PL1769	323
D3922	14	142130	PL2962	PL2267	PL2662	PL2161	323
D3922	14	142130	PL3260	PL3165	PL3522	PL3174	323
D3922	14	142130	PL1391	PL2387	PL3292	PL1780	324
D3922	14	142130	PL0272	NL9777	PL0287	PL1489	324
D3922	14	142130	PL0365	PL0362	PL0066	PLC072	324
D3922	14	142130	PL0875	PL0574	PL0472	PL0369	324
D3922	14	142130	PL1378	PL1387	PL0763	PL0872	324
D3922	14	142130	PL1259	PL1361	PL1271	PL1375	323
D3922	14	142130	PL1463	PL1566	PL1569	PL1673	323

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* TEST 119
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* CATHID-3 LISTINGS QUESTION 2
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* BY LT. BILL BROWN
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* S2 DIV ARTY
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PCSTION-NO *****	MEASURE-NO *****	TIME ****	LOCATION *****	LOCATION *****	LOCATION *****	LOCATION *****	CARD-CODE *****
D3922	14	142130	PL1063	PL1766	PL1868	PL1972	323
D3922	15	150100	PL1259	PL1361	PL1271	PL1375	324
D3922	15	150100	PL1463	PL1566	PL1569	PL1673	324
D3922	15	150100	PL1063	PL1266	PL2767	PL2662	324
D3922	15	150100	PL3260	PL3165	PL2522	PL2161	324
D3922	15	150100	PL1391	PL2387	PL1780	PL3292	324
D3922	15	150100	PL0272	ML9777	PL1484	PL0281	324
D3522	15	150100	PL0365	PL0363	PL0072	PL0060	324
D3922	15	150100	PL0875	PL0574	PL0365	PL0472	324
D3922	15	150100	PL1378	PL1387	PL0872	PL0763	324
D3922	16	150630	PL2980	PL2768	PL2662	PL2261	325
D3922	16	150630	PL3079	PL3261	PL2962	PL2873	325
D3522	16	150630	PL3471	PL3273	PL3270	PL3174	325

Figure 2-103 (cont). ENSIT map data, S2, Div Arty.


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* TEST 119
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* CATTION-3 LISTINGS QUESTION 2
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***** PAGE 010
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*
* NY LT. BILL BROWN
*
*
* S2 DIV ARTY
*
*****

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02/27/74

POSITION-NO *****	WEASURE-NO *****	TIME ****	LOCATION *****	LOCATION *****	LOCATION *****	CARD-CODE *****
D3921	18	151230	PL2872	PL3270	PL3272	323
D3921	18	151230	PL1295	PL1395	PL3193	323
D3921	18	151230	PL1284	PL1495	PL0887	323
D3921	18	151230	PL1378	PL2080	PL0876	323
D3921	18	151230	PL2072	PL1773	PL1574	323
D3921	19	151530	PL0478	PL0286	PL0777	323
D3921	19	151530	NL9674	PL0178	PL0275	323
D3921	19	151530	PL3193		PL3383	324
D3921	19	151530	PL1495	PL3777	PL3383	324
D3921	19	151530	PL2490	PL1490	PL1491	324
D3921	19	151530	PL1383	PL1284	PL2080	323
D3921	19	151530	PL1174	PL1574	PL1576	323
D3921	20	151530	PL1174	PL1574	PL1576	323

Figure 2-103 (cont). ENST map data, S2, Div Artv.

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*                                     *
* TEST 119                           *
*                                     *
* CAT1110-3 LISTINGS QUESTION 2     *
*                                     *
*                                     *
* BY LT. BILL BROWN                 *
*                                     *
* S2 DIV ARTY                       *
*                                     *
*****
02/27/74 ***** PAGE 011

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POSITION-NO *****	MEASURE-NO *****	TIME ***	LOCATION *****	LOCATION *****	LOCATION *****	CARD-CODE *****
03921	20	151530	PL0478	PL0786	PL0777	323
03921	20	151530	NL9674	PL0178	PL0474	323
03921	20	151530	PL3193		PL3383	324
03921	20	151530	PL1495	PL3777	PL3882	324
03921	20	151530	PL2490	PL1490	PL1295	324
03921	20	151530	PL1383	PL1284	PL2775	323
03922	21	152130	PL2491	PL2287	PL1880	323
03922	21	152130		PL3194	PL2783	323
03922	21	152130			PL3289	323
03922	21	152130	PL3886	PL3287	PL3487	323
03922	21	152130	PL0179	NL9880	NL9880	323
03922	21	152130	PL0179	NL9880	NL9880	323
03922	21	152130	PL0685	PL0479	PL0386	323
					PL0289	

Figure 2-103 (cont). ENSIT map data, S2, Div Arty.


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* TEST 119                           *
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* CATIID-3 LISTINGS QUESTION 2      *
*                                     *
*                                     *
* BY LT. BILL BROWN                 *
*                                     *
* S2 DIV ARTY                       *
*                                     *
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02/27/74 *****

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***** PAGE 013

POSITION-NO *****	MEASURE-NO *****	TIME ***	LOCATION *****	LOCATION *****	LOCATION *****	CARD-CODE *****
D3922	22	160230		NL9791	PL3194	323
D3922	23	160330	PL2901	PL2491	PL2092	323
D3922	23	160330	PL3895	PM3710	PL3194	323
D3922	23	160330	PL3895	PM3710	PL3194	323
D3922	23	160330		NL9791	PL3194	323
D3922	23	160330	PL0790	NL9791		323
D3922	23	160330	PL0692	PL3194		323
D3922	23	160330	PL0692	PL0786	PL0585	323
D3922	23	160330			PL1189	323
D3922	23	160330	PM1704	PL1486	PL0795	323
D3922	24	160430	PL3194	PL3091	PL2892	324
D3922	24	160430	PL15P5	PL3891	PM3610	324
D3922	24	160430	PL0686	PL0692	PL0795	324

Figure 2-103 (cont). ENSIT map data. S2, Div Arty.

 * TEST 119 *
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 * CATIID-3 LISTINGS QUESTION 2 *
 * *
 * BY LT. BILL BROWN *
 * *
 * S2 DIV ARTY *
 * *****

02/27/74 ***** PAGE 015

POSITION-NO *****	MEASURE-NO *****	TIME ****	LOCATION *****	LOCATION *****	LOCATION *****	LOCATION *****	CARD-CODE *****
03922	25	160530	PL2002	PH1605	PL1386	PL1289	324
03922	25	160530	PL3134				324
03922	25	160530	PL3194	PL3091	PL2892	PL2491	324
03922	25	160530	PL1585	PL3891	PM3610	PL3189	324
03922	26	160630	PL0685	PL0786	PL0985	PL1089	324
03922	26	160630	NL9587	PL0088	PL0088	PL0593	324
03922	26	160630	PL3091	PL2491	NL9587		325
03922	26	160630	PL3194	PL3891	PL1585	PH1400	325
03922	26	160630	PL3194				325
03922	26	160630	PL3593	PL3490	PM2002	PL2615	324
03922	26	160630	PL3384	PL3387	PL3490	PL3393	324
03922	26	160630	PL2386	PL2489	PL3086	PL3193	324
03922	26	160630	PL1695	PL1885	PL2184	PL2586	324

Figure 2-103 (cont). ENSIT map data, S2, DIV ARTY.

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 * TEST 119
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 * CATIID-3 LISTINGS QUESTION 2
 *
 *
 * BY LT. BILL BROWN
 *
 * S2 DIV ARTY
 *
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02/27/74 ***** PAGE 016

POSITION-NO *****	MEASURE-NO *****	TIME ***	LOCATION *****	LOCATION *****	LOCATION *****	LOCATION *****	CARD-CODE *****
03922	26	160630	PL1290	PL1488	PL1386	PL1483	324
03921	27	160730	PL2183	PL2385	PL2586	PL2388	323
03921	27	160730	PL1288	PL1190	PL1694	PM1400	322
03921	27	160730	PL1283	PL1686	PL1784	PL1488	323
03921	27	160730	PL0887	PL1085	PL1581	PL1383	323
03921	27	160730	PL0389	PL0590	PL0692	PL0795	323
03921	27	160730	PL0284	PL0484	PL0784	PL0685	323
03921	27	160730	NM9605	NL9700	NL9687	PL0093	323
03921	27	160730	PL3194	PL3609			323
03921	27	160730	PL3387	PL3886	PL3790	PL3093	323
03921	27	160730	PL2490	PM2001	PL2987	PL2892	323
03921	28	160830	NM9605	NM9700	NL9687	PL0093	323
03921	28	160830	PL1283	PL1686	PL1784	PL1488	323

Figure 2-103 (cont). ENSIT map data. S2. Div Artv.

 * TEST 119 *
 * CATI110-3 LISTINGS QUESTION 2 *
 *
 * PY LT. BILL BROWN *
 * S2 DIV ARTY *

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POSITION-NO *****	MEASURE-NO *****	TIME ***	LOCATION *****	LOCATION *****	LOCATION *****	CARD-CODE *****
03921	28	160830	PL08R7	PL1085	PL1381	323
03921	28	160830	PL0789	PL0590	PL0795	323
03921	28	160830	PL0286	PL0494	PL0685	323
03921	28	160830	PL3194	PM3609		323
03921	28	160830	PL3387	PL3886	PL3093	323
03921	28	160830	PL2490	PM2001	PL2892	323
03921	28	160830	PL2183	PL2385	PL2388	323
03921	28	160830	PL1289	PL1190	PM1400	323

Figure 2-103 (cont). ENSIT map data, S2, Div Arty.

S2 BDF/BICC

S2 BDF/BICC

POSITION-NO *****	MEASURE-NO *****	TIME ***	LOCATION *****	LOCATION *****	LOCATION *****	CARD-CODE *****
B3B22	01	121900	PL1851			324
B3B22	02	122300	PL1851			324
B3B22	03	130530	PL1851			324
B3B21	04	130830	PL0065	PL0964	PL1862	324
B3B21	04	130830	PL1848	PL1746	PL1245	324
B3B21	05	131136	PL1848	PL1746	PL1245	324
B3B21	05	131136	PL0065	PL0964	PL1862	324
B3B21	06	131430	PL2145	PL0065	PL0964	324
B3B21	06	131430	PL2444			324
B3B21	06	131430	PL2165	PL1848	PL1746	324
B3B21	07	131730	PL2165	PL1848	PL1746	324
B3B21	07	131730	PL2145	PL0065	PL0964	324
B3B21	07	131730	PL2444			324

Figure 2-104. ENSIT map data, S2, Ade

 TEST 119

 CATIID-3 LISTINGS QUESTION 2

 RY LT. BILL BROWN

 S2 BDE/RICC

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POSITION-NO *****	MEASURE-NO *****	TIME ****	LOCATION *****	LOCATION *****	LOCATION *****	CARD-CODE *****
83821	09	132030	PL11761			324
83821	09	132330	PL11761			324
83821	10	140700	PL31145	PL3246	PL1948	324
83821	10	140700	PL11949	PL1852		324
83821	11	141230	PL31145	PL3246	PL1948	324
83821	11	141230	PL11949	PL1852		324
83821	12	141530	PL11949	PL1852		324
83821	12	141530	PL31145	PL3246	PL1948	324
83821	13	141830	PL31145	PL3246	PL1948	324
83821	13	141830	PL11949	PL1852		324
83822	14	142130	PL11476			324
83822	15	150100	PL11879			324
83822	16	150630	PL11879			324

Figure 2-104 (cont). ENSIT man data, S2, Bde

TEST 119

CATIID-3 LISTINGS QUESTION 2

BY LT. BILL BROWN

S2 RN/RICC

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POSITION-NO *****	MEASURE-NO *****	TIME ****	LOCATION *****	LOCATION *****	LOCATION *****	CARD-CODE *****
F3P22	07	131730	PL2146			324
F3P22	07	131730	PL1851			324
F3P22	07	131730	PL1851			324
F3P22	07	131730	PL1850			324
F3P21	08	132030	PL2043			324
F3P21	08	131030	PL1945			324
F3P22	08	132030	PL1942			324
F3P21	10	140730	PL1853	PL1759		323
F3P21	11	141230	PL1853	PL1859		323
F3P21	12	141530	PL1853	PL1959		323
F3P21	13	141830	PL1670	PL1859		323
F3P22	14	142130	PL1759			323
F3P22	14	142130	PL1760			323

Figure 2-105 (cont). ENSIT map data, S2, BN

POSITION-NO *****	MEASURE-NO *****	TIME ***	LOCATION *****	LOCATION *****	LOCATION *****	CARD-CODE *****
F3P22	14	142130	PL1759			323
F3P22	14	142130	PL1760			323
F3P22	15	150110	PL2557			323
F3P22	15	150100	PL1759			323
F3P22	15	150100	PL1760			323
F3P22	15	150100	PL1561			323
F3P22	15	150100	PL1669			323
F3P21	17	150930	PL1770			324
F3P21	17	150930	PL1670			324
F3P21	18	151230	PL2870			324
F3P21	18	151230	PL3065			324
F3P21	19	151530	PL2867			324
F3P21	19	151530	PL2870			324

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CATIID-3 LISTINGS QUESTION 2

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BY LT. BILL BROWN

S2 RN/BICC

POSITION-NO *****	MEASURE-NO *****	TIME ***	LOCATION *****	LOCATION *****	LOCATION *****	CARD-CODE *****
F3P21	20	151830	PL2867			324
F3P22	20	151830	PL2970			324
F3P22	21	152130	PL1670			324
F3P22	21	152130	PL2665			324
F3P22	21	152130	PL3481			324
F3P22	21	152130	PL3379			324
F3P22	21	152130	PL3481			324
F3P21	21	152130	PL3182			324
F3P21	26	160630	PL3466			324
F3P21	26	160630	PL3379			324
F3P21	26	160630	PL3481			324
F3P21	26	160630	PL2270			324
F3P21	27	160730	PL3466			324

Figure 2-105 (cont). ENSIT map data, S2, BN

S2 EN/9ICC

02127174

POSITION-NO *****	MEASURE-NO *****	TIME ***	LOCATION *****	LOCATION *****	LOCATION *****	CARD-CODE *****
F3P21	27	160730	PL3379			324
F3P21	27	160730	PL3481			324
F3P21	27	160730	PL2269			324
F3P21	28	160830	PL3379			324
F3P21	28	160830	PL3466			324

Figure 2-105 (cont). ENSIT map data, S2, BN

NAME OF CHART	CONDITION											
	NORMAL				DISPLACEMENT				DESTRUCTION			
	No	No	Sample		No	No	Sample		No	No	Sample	
	Possible	Correct	%	Size	Possible	Correct	%	Size	Possible	Correct	%	Size
UNIT STRENGTH	200	107	53.1	10	40	32	80.0	2	-	-	-	-
TACTICAL LOGISTICS REPORT	180	107	59.4	9	20	8	40.0	1	-	-	-	-
AIRCRAFT AVAILABILITY	126	91	72.2	9	126	91	72.2	1	-	-	-	-
AMMUNITION STATUS	50	31	62.0	5	50	31	62.0	1	-	-	-	-
ARTILLERY POSITION	53	32	60.3	9	8	8	100.0	1	-	-	-	-
COMBAT VEHICLE	50	27	54.0	5	50	27	54.0	1	-	-	-	-

Figure 2-106. Main CP chart accuracies.

NAME OF CHART	CONDITION											
	NORMAL				DISPLACEMENT				DESTRUCTION			
	No Possible	No Correct	%	Sample Size	No Possible	No Correct	%	Sample Size	No Possible	No Correct	%	Sample Size
UNIT STRENGTH	180	104	57.7	10	20	19	95.0	1	20	9	45.0	1
TACTICAL LOGISTICS REPORT	180	100	55.5	10	20	6	30.0	1	20	7	35.0	1
AIRCRAFT AVAILABILITY	126	93	73.8	10	14	12	85.7	1	14	8	57.1	1
AMMUNITION STATUS	80	35	43.8	9	10	4	40.0	1	10	4	40.0	1
ARTILLERY POSITION	39	28	71.8	9	3	0	0.0	1	1	1	100.0	1
COMBAT VEHICLE	90	36	40.0	9	10	5	50.0	1	10	5	50.0	1

Figure 2-107. Alternate CP chart accuracies.

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NAME OF CHART	CONDITION											
	NORMAL			DISPLACEMENT			DESTRUCTION					
	No Possible	No Correct	Sample Size	No Possible	No Correct	Sample Size	No Possible	No Correct	Sample Size	No Possible	No Correct	Sample Size
UNIT STRENGTH	66	20	30.3	10	16	10	62.5	2	8	1	12.5	1
TACTICAL LOGISTICS REPORT	62	33	53.2	9	6	3	50.0	1	-			
AIRCRAFT AVAILABILITY	14	8	57.12	7	2	1	50.0	1	-	-	-	-
AMMUNITION STATUS CHART	-	-	-		-	-	-		-	-	-	-
ARTILLERY POSITION	-	-	-		-	-	-		-	-	-	-
COMBAT VEHICLE	70	45	64.29	7	10	7	70.0	1	10	2	20.0	1

Figure 2-108. Brigade CP chart accuracies.

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NAME OF CHART	CONDITION									
	NORMAL					DISPLACEMENT				
	No Possible	No Correct	%	Sample Size	No	No Possible	No Correct	%	Sample Size	DESTRUCTION
UNIT STRENGTH	88	30	34.0	11	16	3	18.7	2	8	3 37.5 1
TACTICAL LOGISTICS REPORT	72	52	72.2	9	8	5	62.5	1	8	6 75.0 1
COMBAT VEHICLE	90	60	66.7	9	10	8	80.0	1	10	7 70.0 1

Figure 2-109. Battalion chart accuracies.

AIRCRAFT AVAILABILITY	84	56	66.7	7	-	-	-	-	12	6 50.0 1
AMMUNITION STATUS	80	42	52.5	8	20	10	50.0	2	10	4 40.0 1
ARTILLERY POSITION	64	40	62.5	8	16	7	43.7	2	8	6 75.0 1

Figure 2-110. Div Arty chart accuracies.

COMBAT VEHICLE	90	36	40.0	9	10	5	50.0	1	10	5 50.0 1
----------------	----	----	------	---	----	---	------	---	----	----------

Figure 2-111. DISCOM chart accuracies.

TIME OF MEASUREMENT	LOCATIONS					
	MAIN CP G1		ALTERNATE CP G1		BRIGADE CP S1	
	Accuracy Rating No	Correct Possible PCT	Accuracy Rating No	Correct Possible PCT	Accuracy Rating No	Correct Possible PCT
122400 122400			-	-	-	-
130600	0	20 0.0			4	6 66.7
a 131200	15	20 75.0	-	-	4	6 66.7
131800	15	20 75.0	14	20 70.0	2	6 33.3
132400	14	20 70.0	13	20 65.0	2	6 33.3
132400 140600	8	20 40.0	9	20 45.0	2	6 33.3
141200	11	20 55.0	10	20 50.0	0	6 0
141800	11	20 55.0	10	20 50.0	0	6 0
142400	11	20 55.0	10	20 50.0	0	6 0
142400 150600	0	20 0.0	0	20 0.0	5	6 83.0
a 151200	17	20 85.0	19	20 95.0	6	10 60.0
151800	19	20 95.0	19	20 95.0	3	10 30.0
152400	18	20 90.0	19	20 95.0	2	8 25.0
152400 b 160600	-	-	9	20 45.0	1	8 12.5
TOTALS	139	240 58%	132	220 60	31	90 34.4
					36	112 32.1

a Main CP displacing

b Main CP destroyed

Figure 2-112: Accuracy ratings for unit strength charts at various CP locations.

MEASUREMENT TIME	LOCATION											
	MAIN CP			ALTERNATE CP			BRIGADE			BATTALION		
	No	G3 Op	No	No	G3	No	No	S3	No	No	S3	No
Control Player	Possible	Correct PCT	Possible	Correct PCT	Possible	Correct PCT	Possible	Correct PCT	Possible	Correct PCT	Possible	Correct PCT
131800 131800	20	14 70.0	20	14 70.0	20	14 70.0	6	2 33.3	8	5 62.5		
132400	20	14 70.0	20	14 70.0			6	5 83.3	8	2 25.0		
140600	20	17 85.0	20	14 70.0			6	4 66.7	8	3 37.5		
141200	20	17 85.0	20	14 70.0			6	4 66.7	8	5 62.5		
141800 141800	20	10 50.0	20	9 45.0			6	3 50.0	8	8 100.0		
142400	20	10 50.8	20	8 40.0			6	1 16.7	8	8 100.0		
150600	20	8 40.0	20	10 50.0			6	3 50.0	8	6 75.0		
a 151200	20	8 40.0	20	10 50.0			6	3 50.0	8	5 62.5		
151800 151800	20	1 05.0	20	6 30.0			10	3 30.0	8	7 87.5		
152400	20	16 80.0	20	7 35.0			10	8 80.0	8	8 100.0		
150600	-	-	20	7 35.0			-	-	8	6 75.0		
b 150600	-	-	20	7 35.0			-	-	8	6 75.0		
TOTALS	200	115 57.5	220	113 51.3	68	36 52.9	88	63 71.5				

a Main CP displacing

b Main CP destroyed

Figure 2-113. Accuracy ratings for the tactical logistics report chart.

LOCATION											
MEASUREMENT TIME	MAIN CP			ALTERNATE CP			BRIGADE			BATTALION	
	No	No	Possible Correct PCT	No	No	Possible Correct PCT	No	No	Possible Correct PCT	No	No
Control Player	Possible	Correct	PCT	Possible	Correct	PCT	Possible	Correct	PCT	Possible	Correct
131800	14	12	85.7	14	10	71.4	12	9	75.0	2	1
132400	14	13	92.8	14	10	71.4	12	8	66.7	2	1
140600	14	11	78.5	14	10	71.4	12	9	75.0	2	2
141200	14	11	78.5	14	13	92.8	-	-	-	2	1
141800	14	11	78.5	14	12	85.7	12	9	75.0	2	1
142400	14	9	64.2	14	12	85.7	-	-	-	2	1
150600	14	8	57.1	14	9	64.2	12	9	75.0	2	1
a 151200	14	8	57.1	14	12	85.7	-	-	-	2	1
151800	14	8	57.1	14	9	64.2	12	6	50.0	-	-
152400	14	8	57.1	14	8	57.1	12	6	50.0	-	-
b 160600	-	-	-	14	8	57.1	12	6	50.0	-	-
TOTALS	140	99	70.7	154	113	73.3	96	62	64.5	16	9
											56.2

a Main CP displacing

b Main CP destroyed

Figure 2-14. Accuracy ratings for the aircraft availability chart.

MEASUREMENT TIME	LOCATION						
	Control	Player	MAIN CP FSE		ALTERNATE CP FSE		DIV ARTY S3
			No Possible	No Correct PCT	No Possible	No Correct PCT	
122400	122400		-	-	-	-	-
	130600		10	80.0	-	-	8 80.0
	^a 131200		10	80.0	-	-	5 50.0
	131800		-	-	10	50.0	5 50.0
132400	132400		-	-	10	40.0	5 50.0
	140600		10	60.0	10	40.0	6 60.0
	141200		-	-	10	60.0	4 40.0
	141800		10	60.0	10	60.0	4 40.0
142400	142400		-	-	10	40.0	6 60.0
	150600		10	60.0	-	-	-
	^a 151200		-	-	10	40.0	5 50.0
	151800		10	50.0	10	40.0	-
152400	152400		-	-	10	40.0	4 40.0
	^b 160600		-	-	10	40.0	4 40.0
	TOTALS		60	39.0	100	43.0	110 56 56.0

^a Main CP displacing

^b Main CP destroyed

Figure 2-115. Accuracy ratings of the ammunition status chart.

2-147

MEASUREMENT TIME	LOCATION					
	MAIN CP		ALTERNATE CP		DIV ARTY	
Control Player	No Possible	No Correct PCT	No Possible	No Correct PCT	No Possible	No Correct PCT
122000 122400	8	6 75.0	-	-	8	6 75.0
130200 130600	8	6 75.0	8	1 12.5	8	8 100.0
130800 a 131200	8	8 100.0	-	-	8	7 87.5
131400 131800	8	2 25.0	2	1 50.0	8	1 12.5
132000 132400	1	0 0.0	8	4 50.0	8	8 100.0
140200 140600	8	8 100.0	8	6 75.0	8	4 50.0
140800 141200	8	8 100.0	8	8 100.0	-	-
141400 141800	8	1 12.5	2	0 0.0	8	1 12.5
142000 142400	2	1 50.0	-	-	-	-
150200 150600	-	-	-	-	8	8 100.0
150800 a 151200	-	-	3	0 0.0	8	0 0.0
151400 151800	-	-	2	0 0.0	-	-
152000 152400	2	0 0.0	1	0 0.0	8	4 50.0
160200 b 160800	-	-	1	1 100.0	8	6 75.0
TOTAL	61	40 65.6	43	21 48.8	88	53 60.2

a Main CP displacing

b Main CP destroyed

Figure 2-116. Accuracy ratings of the artillery position chart.

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LOCATION																
MEASUREMENT TIMES	MAIN G4			ALTERNATE CP			DISCOM S3			BRIGADE S4			BATTALION S4			
	No	No	Pos	No	No	Pos	No	No	Pos	No	No	Pos	No	No	Pos	
Control Player	Correct	PCT	Correct	Correct	PCT	Correct	Correct	PCT	Correct	Correct	PCT	Correct	Correct	PCT	Correct	
131800	131800	10	6	60.0	-	-	-	10	6	60.0	10	4	40.0	10	0	0.0
	132400	10	6	60.0	10	6	60.0	10	0	0.0	10	6	60.0	10	7	70.0
	140600	-	-	-	10	6	60.0	10	1	10.0	10	4	40.0	10	7	70.0
	141200	-	-	-	10	6	60.0	10	1	10.0	10	5	50.0	10	7	70.0
	141800	10	6	60.0	10	5	50.0	10	5	50.0	10	8	80.0	10	8	80.0
	142400	-	-	-	10	3	30.0	10	5	50.0	10	10	100.0	10	9	90.0
	150600	10	5	50.0	10	3	30.0	10	5	50.0	10	8	80.0	10	8	80.0
a	151200	-	-	-	10	5	50.0	10	5	50.0	10	7	70.0	10	8	80.0
	151800	10	4	40.0	10	4	40.0	10	8	80.0	-	-	-	10	7	70.0
	152400	-	-	-	10	3	30.0	10	5	50.0	-	-	-	10	7	70.0
b	160600	-	-	-	10	4	40.0	10	5	50.0	10	2	20.0	10	7	70.0
TOTALS		50	27	54.0	100	45	45.0	110	46	41.8	90	54	60.0	110	75	68.1

a Main CP displacing

b Main CP destroyed

Figure 2-117. Accuracy ratings for the combat vehicles chart.

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307.1

Columns/Units Sampled	LOCATION OF CHART & TIMES				
	Control as of 122400	Main CP G1 130600	Alt CP G1 130600	Brigade S1 130600	Battalion S1 130600
<u>Present for Duty</u>					
1/84 Mech	643	637			
1/85 Mech	510	656		609	
1/86 Mech	683	687			
1/87 Mech	713	677			
1/88 Mech	700	666			
1/89 Mech	694	720		697	
1/6 Armor	519	563		519	
1/7 Armor	600	547			
1/8 Armor	539	552			
1/9 Armor	605	528			
A Co (1/85)	162				151
B Co (1/85)	168				139
C Co (1/6)	58				56
CSC (1/85)	122				113
<u>Total Losses</u>					
1/84 Mech	0	42			
1/85 Mech	27	16		26	
1/86 Mech	4	0			
1/87 Mech	4	2			
1/88 Mech	4	8			
1/89 Mech	31	16		31	
1/6 Armor	53	40		53	
1/7 Armor	0	34			
1/8 Armor	2	29			
1/9 Armor	3	6			0
A Co (1/85)	13				0
B Co (1/85)	1				0
C Co (1/6)	3				1
CSC (1/85)	10				
(Note: Entries are in number of personnel per unit indicated)					

Figure 2-118. Data collected from the unit strength charts (control as of 122400).

Columns/Units Sampled	LOCATION OF CHART & TIMES				
	Control as of 122400	Main CP G1 131200	Alt CP G1 131200	Brigade S1 131200	Battalion S1 131200
<u>Present for Duty</u>					
1/84 Mech	643	643			
1/85 Mech	510	609			
1/86 Mech	683	683		609	
1/87 Mech	713	677			
1/88 Mech	700	668			
1/89 Mech	694	697		697	
1/6 Armor	519	519		519	
1/7 Armor	600	559			
1/8 Armor	539	539			
1/9 Armor	605	605			
A Co (1/85)	162				151
B Co (1/85)	168				139
C Co (1/6)	58				56
CSC (1/85)	122				113
<u>Total Losses</u>					
1/84 Mech	0	0			
1/85 Mech	27	26		26	
1/86 Mech	4	4			
1/87 Mech	4	4			
1/88 Mech	4	5			
1/89 Mech	31	31		31	
1/6 Armor	53	53		53	
1/7 Armor	0	0			
1/8 Armor	2	2			
1/9 Armor	3	3			
A Co (1/85)	13				2
B Co (1/85)	1				2
C Co (1/6)	3				3
CSC (1/85)	10				0

(Note: Entries are in number of personnel per unit indicated)

Figure 2-118 (cont). Data collected from the unit strength charts (control as of 122400).

Columns/Units Sampled	LOCATION OF CHART & TIMES				
	Control as of 122400	Main CP G1 131800	Alt CP G1 131800	Brigade S1 131800	Battalion S1 131800
<u>Present for Duty</u>					
1/84 Mech	643	643	643		
1/85 Mech	510	609	609	612	
1/86 Mech	683	683	683		
1/87 Mech	713	677	677		
1/88 Mech	700	668	668		
1/89 Mech	694	697	697	628	
1/6 Armor	519	519	519	516	
1/7 Armor	600	559	559		
1/8 Armor	539	539	539		
1/9 Armor	605	605	605		
A Co (1/85)	162				151
B Co (1/85)	168				139
C Co (1/6)	58				56
CSC (1/85)	122				113
<u>Total Losses</u>					
1/84 Mech	0	0	0		
1/85 Mech	27	26	26	15	
1/86 Mech	4	4	4		
1/87 Mech	4	4	4		
1/88 Mech	4	5	5		
1/89 Mech	31	31	31	66	
1/6 Armor	53	53	53	20	
1/7 Armor	0	0	0		
1/8 Armor	2	2	2		
1/9 Armor	3	3	0		
A Co (1/85)	13				8
B Co (1/85)	1				2
C Co (1/6)	3				4
CSC (1/85)	10				10

(Note: Entries are in number of personnel per unit indicated)

Figure 2-118 (cont). Data collected from the unit strength charts
(control as of 122400).

Columns/Units Sampled	LOCATION OF CHART & TIMES				
	Control as of 122400	Main CP G1 132400	Alt CP G1 132400	Brigade S1 132400	Battalion S1 132400
<u>Present for Duty</u>					
1/84 Mech	643	643	643		
1/85 Mech	510	609	609	612	
1/86 Mech	683	683	683		
1/87 Mech	713	677	677		
1/88 Mech	700	668	668		
1/89 Mech	694	697	697	628	
1/6 Armor	519	519	519	516	
1/7 Armor	600	559	559		
1/8 Armor	539	539	539		
1/9 Armor	605	605	605		
A Co (1/85)	162				162
B Co (1/85)	168				152
C Co (1/6)	58				58
CSC (1/85)	122				122
<u>Total Losses</u>					
1/84 Mech	0	0			
1/85 Mech	27	26	26	15	
1/86 Mech	4	0	4		
1/87 Mech	4	4	4		
1/88 Mech	4	5	5		
1/89 Mech	31	31	31	66	
1/6 Armor	53	53	53	20	
1/7 Armor	0		0		
1/8 Armor	2	2	2		
1/9 Armor	3	3	0		
A Co (1/85)	13				11
B Co (1/85)	1				4
C Co (1/6)	3				11
CSC (1/85)	10				5

(Note: Entries are in number of personnel per unit indicated)

Figure 2-118 (cont). Data collected from the unit strength charts
(control as of 122400).

Columns/Units Sampled	LOCATION OF CHART & TIMES				
	Control as of 132400	Main CP G1 140600	Alt CP G1 140600	Brigade S1 140600	Battalion S1 140600
<u>Present for Duty</u>					
1/84 Mech	643	643	643		
1/85 Mech	483	609	609	637	
1/86 Mech	613	683	683		
1/87 Mech	660	677	677		
1/88 Mech	665	668	668		
1/89 Mech	694	697	697	626	
1/6 Armor	495	519	519	497	
1/7 Armor	539	559	559		
1/8 Armor	535	539	539		
1/9 Armor	606	605	605		
A Co. (1/85)	155				155
B Co (1/85)	151				151
C Co (1/6)	59				149
CSC (1/85)	118				118
<u>Total Losses</u>					
1/84 Mech	0	0	0		
1/85 Mech	31	26	26	31	
1/86 Mech	70	4	4		
1/87 Mech	0	4	4		
1/88 Mech	0	5	5		
1/89 Mech	31	31	31	68	
1/6 Armor	39	53	53	39	
1/7 Armor	0	0	0		
1/8 Armor	0	2	2		
1/9 Armor	0	3	0		
A Co (1/85)	11				3
B Co (1/85)	4				5
C Co (1/6)	11				8
CSC (1/85)	5				4

(Note: Entries are in number of personnel per unit indicated)

Figure 2-119. Data collected from unit strength charts
(control as of 132400).

Columns/Units Sampled	LOCATION OF CHART & TIMES				
	Control as of 132400	Main CP G1 141200	Alt CP G1 141200	Brigade S1 141200	Battalion S1 141200
<u>Present for Duty</u>					
1/84 Mech	643	650	650		
1/85 Mech	483	637	637	741	
1/86 Mech	613	618	618		
1/87 Mech	660	650	650		
1/88 Mech	665	663	663		
1/89 Mech	694	626	626	659	
1/6 Armor	495	497	497	406	
1/7 Armor	539	539	539		
1/8 Armor	535	535	539		
1/9 Armor	606	608	608		
A Co (1/85)	155				155
B Co (1/85)	151				155
C Co (1/6)	59				149
CSC (1/85)	118				118
<u>Total Losses</u>					
1/84 Mech	0	0	0		
1/85 Mech	31	31	12	39	
1/86 Mech	70	70	70		
1/87 Mech	0	22	22		
1/88 Mech	0	5	5		
1/89 Mech	31	68	68	2	
1/6 Armor	39	39	39	27	
1/7 Armor	0	29	29		
1/8 Armor	0	0	2		
1/9 Armor	0	0	0		
A Co (1/85)	11				12
B Co (1/85)	4				15
C Co (1/6)	11				9
CSC (1/85)	5				2

(Note: Entries are in number of personnel per unit indicated)

Figure 2-119 (cont). Data collected from unit strength charts
(control as of 132400).

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Columns/Units Sampled	LOCATION OF CHART & TIMES				
	Control as of 132400	Main CP G1 141800	Alt CP G1 141800	Brigade S1 141800	Battalion S1 141800
<u>Present for Duty</u>					
1/84 Mech	643	650	650		
1/85 Mech	483	637	637	726	
1/86 Mech	613	618	618		
1/87 Mech	660	650	650		
1/88 Mech	665	663	663		
1/89 Mech	694	626	626	619	
1/6 Armor	495	497	497	469	
1/7 Armor	539	539	539		
1/8 Armor	535	535	539		
1/9 Armor	606	608	608		
A Co (1/85)	155				155
B Co (1/85)	151				155
C Co (1/6)	59				149
CSC (1/85)	118				118
<u>Total Losses</u>					
1/84 Mech	0	9	0		
1/85 Mech	31	31	12	50	
1/86 Mech	70	70	70		
1/87 Mech	0	22	22		
1/88 Mech	0	5	5		
1/89 Mech	31	68	68	42	
1/6 Armor	39	39	39	21	
1/7 Armor	0	29	29		
1/8 Armor	0	0	2		
1/9 Armor	0	0	0		
A Co (1/85)	11				12
B Co (1/85)	4				16
C Co (1/6)	11				14
CSC (1/85)	5				9

(Note: Entries are in number of personnel per unit indicated)

Figure 2-119 (cont). Data collected from unit strength charts
(control as of 132400).

Columns/Units Sampled	LOCATION OF CHART & TIMES				
	Control as of 132400	Main CP G1 142400	Alt CP G1 142400	Brigade S1 142400	Battalion S1 142400
<u>Present for Duty</u>					
1/84 Mech	643	650	650		
1/85 Mech	483	637	637	726	
1/86 Mech	613	618	618		
1/87 Mech	660	650	650		
1/88 Mech	665	663	663		
1/89 Mech	694	626	626	619	
1/6 Armor	495	497	497	469	
1/7 Armor	539	539	539		
1/8 Armor	535	535	539		
1/9 Armor	606	608	608		
A Co (1/85)	155				129
B Co (1/85)	151				137
C Co (1/6)	59				132
CSC (1/85)	118				104
<u>Total Losses</u>					
1/84 Mech	0	0	0		
1/85 Mech	31	31	17	50	
1/86 Mech	70	70	70		
1/87 Mech	0	22	22		
1/88 Mech	0	5	5		
1/89 Mech	31	68	68	42	
1/6 Armor	39	39	39	21	
1/7 Armor	0	29	29		
1/8 Armor	0		2		
1/9 Armor	0		0		
A Co (1/85)	11				0
B Co (1/85)	4				0
C Co (1/6)	11				0
CSC (1/85)	5				0

(Note: Entries are in number of personnel per unit indicated)

Figure 2-119 (cont). Data collected from unit strength charts
(control as of 132400).

Columns/Units Sampled	LOCATION OF CHART & TIMES				
	Control as of 142400	Main CP GI 150600	Alt CP GI 150600	Brigade SI 150600	Battalion SI 150600
<u>Present for Duty</u>					
1/84 Mech	624	650	650		
1/85 Mech	577	637	637	655	
1/86 Mech	706	618	618		
1/87 Mech	657	650	650		
1/88 Mech	658	663	663		
1/89 Mech	613	626	618	613	
1/6 Armor	461	497	497	461	
1/7 Armor	496	539	539		
1/8 Armor	496	535	539		
1/9 Armor	553	608	608		
A Co (1/85)	155				129
B Co (1/85)	155				137
C Co (1/6)	149				132
CSC (1/85)	118				104
<u>Total Losses</u>					
1/84 Mech	42	0	0		
1/85 Mech	75	31	17	75	
1/86 Mech	7	70	70		
1/87 Mech	3	22	22		
1/88 Mech	25	5	5		
1/89 Mech	53	63	43	53	
1/6 Armor	9	39	39	9	
1/7 Armor	54	29	29		
1/8 Armor	49	0	2		
1/9 Armor	55	0	0		
A Co (1/85)	26				8
B Co (1/85)	18				14
C Co (1/6)	17				0
CSC (1/85)	14				0

(Note: Entries are in number of personnel per unit indicated)

Figure 2-120. Data collected from the unit strength charts
(control as of 142400).

Columns/Units Sampled	LOCATIONS OF CHART & TIMES				
	Control as of 142400	Main CP G1 151200	Alt CP G1 151200	Brigade S1 151200	Battalion S1 151200
<u>Present for Duty</u>					
1/84 Mech	624	624	624		
1/85 Mech	577	655	655	633	
1/86 Mech	706		709		
1/87 Mech	657	657	657	654	
1/88 Mech	658	658	658		
1/89 Mech	613	613	613	613	
1/6 Armor	461	461	461	461	
1/7 Armor	496	496	496		
1/8 Armor	496	496	496		
1/9 Armor	563	563	563	464	
A Co (1/85)	155				129
B Co (1/85)	155				137
C Co (1/6)	149				132
CSC (1/85)	118				104
<u>Total Losses</u>					
1/84 Mech	42	42	42		
1/85 Mech	75	75	74	97	
1/86 Mech	7		7		
1/87 Mech	3	3	3	0	
1/88 Mech	25	25	25		
1/89 Mech	53	53	53	53	
1/6 Armor	9	9	9	9	
1/7 Armor	54	54	54		
1/8 Armor	49	49	49		
1/9 Armor	55	55	55	55	
A Co (1/85)	26				8
B Co (1/85)	18				14
C Co (1/6)	17				0
CSC (1/85)	14				0

(Note: Entries are in number of personnel per unit indicated)

Figure 2-120 (cont). Data collected from the unit strength charts (control as of 142400).

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Columns/Units Sampled	LOCATION OF CHART & TIMES				
	Control as of 142400	Main CP G1 151800	A1t CP G1 151800	Brigade S1 151800	Battalion S1 151800
<u>Present for Duty</u>					
1/84 Mech	624	624	624		
1/85 Mech	577	655	655	655	
1/86 Mech	706	709	709		
1/87 Mech	657	657	657	657	
1/88 Mech	658	658	658		
1/89 Mech	613	613	613	630	
1/6 Armor	461	461	461	461	
1/7 Armor	496	496	496		
1/8 Armor	496	496	496		
1/9 Armor	563	563	563	441	
A Co (1/85)	155				129
B Co (1/85)	155				137
C Co (1/6)	149				132
CSC (1/85)	118				104
<u>Total Losses</u>					
1/84 Mech	42	42	42		
1/85 Mech	75	75	74	21	
1/86 Mech	7	7	7		
1/87 Mech	3	3	3	0	
1/88 Mech	25	25	25		
1/89 Mech	53	53	53	33	
1/6 Armor	9	9	9	9	
1/7 Armor	54	54	54		
1/8 Armor	49	49	49		
1/9 Armor	55	5	55	0	
A Co (1/85)	26				15
B Co (1/85)	18				14
C Co (1/6)	17				0
CSC (1/85)	14				0
(Note: Entries are in number of personnel per unit indicated)					

Figure 2-120 (cont). Data collected from the unit strength charts
(control as of 142400).

LOCATION OF CHART & TIMES					
Columns/Units Sampled	Control as of 142400	Main CP G1 152400	Alt CP G1 152400	Brigade S1 152400	Battalion S1 152400
<u>Present for Duty</u>					
1/84 Mech	624	624	624		
1/85 Mech	577	655	655	655	
1/86 Mech	706	709	709		
1/87 Mech	657	657	657	657	
1/88 Mech	658	658	658		
1/89 Mech	613	613	613	530	
1/6 Armor	461	461	461	461	
1/7 Armor	496	496	496		
1/8 Armor	496	496	496		
1/9 Armor	563	563	563		
A Co (1/85)	155				96
B Co (1/85)	155				137
C Co (1/6)	149				132
CSC (1/85)	118				99
<u>Total Losses</u>					
1/84 Mech	42	42	42		
1/85 Mech	75	75	74	21	
1/86 Mech	7	7	7		
1/87 Mech	3	3	3	0	
1/88 Mech	25	25	25		
1/89 Mech	53	53	51	33	
1/6 Armor	9	9	9	19	
1/7 Armor	54	54	52		
1/8 Armor	49	49	49		
1/9 Armor	55	55	54		
A Co (1/85)	26				33
B Co (1/85)	18				20
C Co (1/6)	17				0
CSC (1/85)	14				6

(Note: Entries are in number of personnel per unit indicated)

Figure 2-120 (cont). Data collected from the unit strength charts (control as of 142400).

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Columns/Units Sampled	LOCATION OF CHART & TIMES				
	Control as of 152400	Main CP G1 160600	Alt CP G1 160600	Brigade S1 160600	Battalion S1 160600
<u>Present for Duty</u>					
1/84 Mech	712		712		
1/85 Mech	502		655	655	
1/86 Mech	637		637		
1/87 Mech	672		657	657	
1/88 Mech	633		633		
1/89 Mech	624		613	530	
1/6 Armor	358		461	461	
1/7 Armor	491		491		
1/8 Armor	481		481		
1/9 Armor	430		563		
A Co (1/85)	129				96
B Co (1/85)	137				137
C Co (1/6)	132				132
CSC (1/85)	104				99
<u>Total Losses</u>					
1/84 Mech	0		0		
1/85 Mech	59		0	21	
1/86 Mech	0		0		
1/87 Mech	0		0	0	
1/88 Mech	43		43		
1/89 Mech	55		0	33	
1/6 Armor	25		0	19	
1/7 Armor	32		2		
1/8 Armor	1		0		
1/9 Armor	34		0		
A Co (1/85)	33				1
B Co (1/85)	20				11
C Co (1/6)	0				
CSC (1/85)	6				6
(Note: Entries are in number of personnel per unit indicated)					

Figure 2-121. Data collected from unit strength charts
(control as of 152400).

Equipment/Unit Sampled	LOCATION OF CHART & TIMES				
	Control as of 131800	Main CP G3 Op 131800	Alt CP G3 131800	Brigade S3 131800	Battalion S3 131800
Tanks on Hand					
1/84 Mech	16	16	16		
1/85 Mech	11	11	11	11	
1/86 Mech	0	0	0		
1/87 Mech	16	17	17		
1/88 Mech	17	17	17		
1/89 Mech	0	0	0	0	
1/6 Armor	30	25	25	25	
1/7 Armor	35	34	34		
1/8 Armor	31	32	32		
1/9 Armor	33	27	27		
A Co (1/85)	0				0
B Co (1/85)	0				3
C Co (1/6)	11				7
CSC (1/85)	0				0
Per Carr on Hand					
1/84 Mech	33	33	33		
1/85 Mech	25	20	20	20	
1/86 Mech	44	43	43		
1/87 Mech	30	33	33		
1/88 Mech	23	25	25		
1/89 Mech	39	38	38	51	
1/6 Armor	7	15	15	11	
1/7 Armor	19	18	18		
1/8 Armor	17	18	18		
1/9 Armor	21	21	21		
A Co (1/85)	8				8
B Co (1/85)	14				7
C Co (1/6)	1				0
CSC (1/85)	2				2

(Note: Entries are in number of vehicles)

Figure 2-122. Data collected from the tactical logistics report chart (control as of 131800).

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Equipment/Unit Sampled	LOCATION OF CHART & TIMES				
	Control as of	Main CP	Alt CP G3	Brigade S3	Battalion S3
	131800	G3 Op 132400	132400	132400	132400
Tanks on Hand					
1/34 Mech	16	16	16		
1/35 Mech	11	11	11	15	
1/36 Mech	0	0	0		
1/37 Mech	16	17	17		
1/38 Mech	17	17	17		
1/39 Mech	0	0	0	0	
1/6 Armor	30	25	25	30	
1/7 Armor	35	34	34		
1/8 Armor	31	32	32		
1/9 Armor	33	27	27		
A Co (1/85)	0				4
B Co (1/85)	0				5
C Co (1/6)	11				6
CSC (1/85)	0				0
Per Carr on Hand					
1/34 Mech	33	33	33		
1/35 Mech	25	20	20	24	
1/36 Mech	44	43	43		
1/37 Mech	30	33	33		
1/38 Mech	23	25	25		
1/39 Mech	39	38	38	39	
1/6 Armor	7	15	15	8	
1/7 Armor	19	18	18		
1/8 Armor	17	18	18		
1/9 Armor	21	21	21		
A Co (1/85)	8				8
B Co (1/85)	14				9
C Co (1/6)	1				7
CSC (1/85)	2				2
(Note: Entries are in number of vehicles)					

Figure 2-122 (cont). Data collected from the tactical logistics report chart (control as of 131800).

Equipment/Unit Sampled	LOCATION OF CHART & TIMES				
	Control as of 131800	Main CP G3 Op 140600	Alt CP G3 140600	Brigade S3 140600	Battalion S3 140600
<u>Tanks on Hand</u>					
1/34 Mech	16	17	16		
1/35 Mech	11	15	11	15	
1/36 Mech	0	0	0		
1/37 Mech	16	16	17		
1/38 Mech	17	17	17		
1/39 Mech	0	0	0	0	
1/6 Armor	30	30	25	30	
1/7 Armor	35	35	34		
1/8 Armor	31	32	32		
1/9 Armor	33	37	27		
A Co (1/85)	0				4
B Co (1/85)	0				5
C Co (1/6)	11				6
CSC (1/85)	0				0
<u>Per Carr on Hand</u>					
1/34 Mech	33	34	33		
1/35 Mech	25	24	20	24	
1/36 Mech	44	47	43		
1/37 Mech	30	30	33		
1/38 Mech	23	23	25		
1/39 Mech	39	39	38	39	
1/6 Armor	7	8	15	8	
1/7 Armor	19	19	18		
1/8 Armor	17	18	18		
1/9 Armor	21	21	21		
A Co (1/85)	8				8
B Co (1/85)	14				9
C Co (1/6)	1				7
CSC (1/85)	2				2
(Note: Entries are in number of vehicles)					

Figure 2-122 (cont). Data collected from the tactical logistics report chart (control as of 131800).

Equipment/Unit Sampled	LOCATION OF CHART & TIMES				
	Control as of 131800	Main CP G3 Op 141200	Alt CP G3 141200	Brigade S3 141200	Battalion S3 141200
Tanks on Hand					
1/84 Mech	16	17	17		
1/85 Mech	11	15	11	15	
1/86 Mech	0	0	0		
1/87 Mech	16	16	17		
1/88 Mech	17	17	17		
1/89 Mech	0	0	0	0	
1/6 Armor	30	30	25	30	
1/7 Armor	35	35	34		
1/8 Armor	31	32	32		
1/9 Armor	33	37	27		
A Co (1/85)	0				0
B Co (1/85)	0				0
C Co (1/6)	11				0
CSC (1/85)	0				0
Per Carr on Hand					
1/84 Mech	33	34	33		
1/85 Mech	25	24	20	24	
1/86 Mech	44	47	43		
1/87 Mech	30	30	33		
1/88 Mech	23	23	25		
1/89 Mech	39	39	38	47	
1/6 Armor	7	8	15	8	
1/7 Armor	19	19	18		
1/8 Armor	17	18	18		
1/9 Armor	21	21	21		
A Co (1/85)	8				13
B Co (1/85)	14				12
C Co (1/6)	1				9
CSC (1/85)	2				2
(Note: Entries are in number of vehicles)					

Figure 2-122 (cont). Data collected from the tactical logistics report chart (control as of 131800)..

Equipment/Unit Sampled	LOCATION OF CHART & TIMES				
	Control as of	Main CP	Alt CP G3	Brigade S3	Battalion S3
	141800	G3 Op 141800	141800	141800	141800
Tanks on Hand					
1/84 Mech	15	17	16		
1/85 Mech	0	15	11	15	
1/86 Mech	0	0	0		
1/87 Mech	17	16	17		
1/88 Mech	16	17	17		
1/89 Mech	0	0	0	0	
1/6 Armor	44	30	25	30	
1/7 Armor	30	35	34		
1/8 Armor	33	32	32		
1/9 Armor	37	37	27		
A Co (1/85)	0				0
B Co (1/85)	0				0
C Co (1/6)	0				0
CSC (1/85)	0				0
Per Carr on Hand					
1/84 Mech	30	34	33		
1/85 Mech	35	25	20	24	
1/86 Mech	45	47	43		
1/87 Mech	30	30	33		
1/88 Mech	29	33	25		
1/89 Mech	40	39	39	39	
1/6 Armor	8	16	15	8	
1/7 Armor	9	19	18		
1/8 Armor	17	18	18		
1/9 Armor	21	21	21		
A Co (1/85)	13				13
B Co (1/85)	12				12
C Co (1/6)	8				9
CSC (1/85)	2				2
(Note: Entries are in number of vehicles)					

Figure 2-123. Data collected from the tactical logistics report chart (control as of 141800).

Equipment/Unit Sampled	LOCATION OF CHART & TIMES				
	Control as of	Main CP	Alt CP G3	Brigade S3	Battalion S3
	141800	G3 Op 142400	142400	142400	142400
Tanks on Hand					
1/84 Mech	15	17	16	0	
1/85 Mech	0	15	11		
1/86 Mech	0	0	0		
1/87 Mech	17	17	17		
1/88 Mech	16	17	17		
1/89 Mech	0	0	0	0	
1/6 Armor	44	30	25	43	
1/7 Armor	30	35	34		
1/8 Armor	33	32	32		
1/9 Armor	37	37	27		
A Co (1/85)	0				0
B Co (1/85)	0				0
C Co (1/6)	0				0
CSC (1/85)	0				0
Per Carr on Hand					
1/84 Mech	30	34	33		
1/85 Mech	35	24	20	49	
1/86 Mech	45	45	43		
1/87 Mech	30	32	33		
1/88 Mech	29	33	25		
1/89 Mech	40	39	38	40	
1/6 Armor	8	16	15	5	
1/7 Armor	9	19	18		
1/8 Armor	17	18	18		
1/9 Armor	21	21	21		
A Co (1/85)	13				12
B Co (1/85)	12				12
C Co (1/6)	8				8
CSC (1/85)	2				2
(Note: Entries are in number of vehicles)					

Figure 2-123 (cont). Data collected from the tactical logistics report chart (control as of 141800)

Equipment/Unit Sampled	LOCATION OF CHART & TIMES				
	Control as of	Main CP	Alt CP G3	Brigade S3	Battalion S3
	141800	G3 Op 150600	150600	150600	150600
Tanks on Hand					
1/34 Mech	15	15	14		
1/35 Mech	0	15	11	0	
1/36 Mech	0	0	0		
1/37 Mech	17	17	17		
1/38 Mech	16	13	17		
1/39 Mech	0	0	0	0	
1/6 Armor	44	30	25	43	
1/7 Armor	30	37	34		
1/8 Armor	33	28	32		
1/9 Armor	37	34	27		
A Co (1/85)	0				0
B Co (1/85)	0				0
C Co (1/6)	0				0
CSC (1/85)	0				0
Per Carr on Hand					
1/34 Mech	30	31	33		
1/35 Mech	35	24	20	39	
1/36 Mech	45	45	45		
1/37 Mech	30	32	30		
1/38 Mech	29	28	25		
1/39 Mech	40	39	38	40	
1/6 Armor	8	16	15	5	
1/7 Armor	9	15	18		
1/8 Armor	17	14	18		
1/9 Armor	21	18	21		
A Co (1/85)	13				5
B Co (1/85)	12				7
C Co (1/6)	8				8
CSC (1/85)	2				2

(Note: Entries are in number of vehicles)

Figure 2-123 (cont). Data collected from the tactical logistics report chart (control as of 141800).

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Equipment/Unit Sampled	LOCATION OF CHART & TIMES				
	Control as of	Main CP	Alt CP G3	Brigade S3	Battalion S3
	141800	G3 Op 151200	151200	151200	151200
Tanks on Hand					
1/34 Mech	15	15	16		
1/35 Mech	0	15	11	0	
1/36 Mech	0	0	0		
1/37 Mech	17	17	17		
1/38 Mech	16	13	17		
1/39 Mech	0	0	0	0	
1/6 Armor	44	30	25	43	
1/7 Armor	30	32	34		
1/8 Armor	33	28	32		
1/9 Armor	37	34	27		
A Co (1/85)	0				0
B Co (1/85)	0				0
C Co (1/6)	0				0
CSC (1/85)	0				0
Per Carr on Hand					
1/34 Mech	30	31	33		
1/35 Mech	35	24	20	39	
1/36 Mech	45	45	45		
1/37 Mech	30	32	30		
1/38 Mech	29	28	25		
1/39 Mech	40	39	38	40	
1/6 Armor	8	16	15	5	
1/7 Armor	9	15	18		
1/8 Armor	17	14	18		
1/9 Armor	21	18	21		
A Co (1/85)	13				5
B Co (1/85)	12				7
C Co (1/6)	8				8
CSC (1/85)	2				2
(Note: Entries are in number of vehicles)					

Figure 2-123 (cont). Data collected from the tactical logistics report chart
(control as of 141800).

Equipment/Unit Sampled	LOCATION OF CHART & TIMES				
	Control as of	Main CP	Alt CP G3	Brigade S3	Battalion S3
	151800	G3 Op 151800	151800	151800	151800
Tanks on Hand					
1/84 Mech	0	15	16		
1/85 Mech	0	15	11	0	
1/86 Mech	15	0	0		
1/87 Mech	17	17	17	17	
1/88 Mech	17	13	17		
1/89 Mech	14	0	0	0	
1/6 Armor	26	30	25	43	
1/7 Armor	32	32	34		
1/8 Armor	35	28	32		
1/9 Armor	47	34	27	47	
A Co (1/85)	0				0
B Co (1/85)	0				0
C Co (1/6)	0				0
CSC (1/85)	0				0
Per Carr on Hand					
1/84 Mech	47	31	33		
1/85 Mech	30	24	20	39	
1/86 Mech	31	45	45		
1/87 Mech	30	32	30	30	
1/88 Mech	28	28	25		
1/89 Mech	43	39	38	40	
1/6 Armor	4	16	15	15	
1/7 Armor	17	15	18		
1/8 Armor	17	14	18		
1/9 Armor	8	18	21	18	
A Co (1/85)	13				5
B Co (1/85)	7				7
C Co (1/6)	8				8
CSC (1/85)	2				2
(Note: Entries are in number of vehicles)					

Figure 2-124. Data collected from the tactical logistics report chart
(control as of 151800)

Equipment/Unit Sampled	LOCATION OF CHART & TIMES				
	Control as of	Main CP	Alt CP-G3	Brigade S3	Battalion S3
	151800	G3 Op 152400	152400	152400	152400
Tanks on Hand					
1/84 Mech	0	0	13		
1/85 Mech	0	0	0		
1/86 Mech	15	15	0		
1/87 Mech	17	17	17	17	
1/88 Mech	17	17	17		
1/89 Mech	14	15	0	15	
1/6 Armor	26	26	25	26	
1/7 Armor	32	32	30		
1/8 Armor	35	35	32		
1/9 Armor	47	27	28	47	
A Co (1/85)	0				0
B Co (1/85)	0				0
C Co (1/6)	0				0
CSC (1/85)	0				0
Per Carr on Hand					
1/84 Mech	47	47	33		
1/85 Mech	30	30	20	30	
1/86 Mech	31	31	45		
1/87 Mech	30	26	30	26	
1/88 Mech	28	26	25		
1/89 Mech	43	42	39	42	
1/6 Armor	4	4	15	4	
1/7 Armor	17	17	18		
1/8 Armor	17	17	18		
1/9 Armor	8	8	21	8	
A Co (1/85)	13				13
B Co (1/85)	7				7
C Co (1/6)	8				8
CSC (1/85)	2				2
(Note: Entries are in number of vehicles)					

Figure 2-124 (cont). Data collected from the tactical logistics report chart (control as of 151800).

Equipment/Unit Sampled	LOCATION OF CHART & TIMES				
	Control as of	Main CP	Alt CP G3	Brigade S3	Battalion S3
	151800	G3 Op 160600	160600	160600	160600
Tanks on Hand					
1/84 Mech	0		13		
1/85 Mech	0		10		
1/86 Mech	15		0		
1/87 Mech	17		17		
1/88 Mech	17		17		
1/89 Mech	14		0		
1/6 Armor	26		25		
1/7 Armor	32		30		
1/8 Armor	35		32		
1/9 Armor	47		28		
A Co (1/85)	0				0
B Co (1/85)	0				0
C Co (1/6)	0				0
CSC (1/85)	0				0
Per Carr on Hand					
1/84 Mech	47		33		
1/85 Mech	30		30		
1/86 Mech	31		45		
1/87 Mech	30		30		
1/88 Mech	28		25		
1/89 Mech	43		38		
1/6 Armor	4		15		
1/7 Armor	17		18		
1/8 Armor	17		18		
1/9 Armor	8		21		
A Co (1/85)	13				14
B Co (1/85)	7				14
C Co (1/6)	8				14
CSC (1/85)	2				2
(Note: Entries are in number of vehicles)					

Figure 2-124 (cont). Data collected from the tactical logistics report chart (control as of 151800).

Columns/Units Sampled	Location of Chart				
	Control as of 131400	Main CP Avn 131800	Alternate CP G3 131800	Div Arty S3 131800	Brigade S3 131800

Aircraft on hand

1st Bde	04	04	04	04	04
2d Bde	04	04	04	04	
3d Bde	04	04	04	03	
Cav Sqdn	31	30	24	20	
Avn Co (Div)	10	10	10	10	
Maint Bn	02	02	02	-	
Div Arty	09	09	09	09	

Aircraft operational

1st Bde	02	02	02	03	04
2d Bde	04	04	03	03	
3d Bde	04	04	04	03	
Cav Sqdn	25	24	20	15	
Avn Co (Div)	08	08	06	07	
Maint Bn	02	02	01	-	
Div Arty	04	09	09	09	

Columns/Units Sampled	Location of Chart				
	Control as of 131400	Main CP Avn 132400	Alternate CP G3 132400	Div Arty S3 132400	Brigade S3 132400

Aircraft on hand

1st Bde	04	04	04	04	04
2d Bde	04	04	04	04	
3d Bde	04	04	04	03	
Cav Sqdn	31	31	19	20	
Avn Co (Div)	10	10	10	10	
Maint Bn	02	02	02	-	
Div Arty	09	09	09	09	

Aircraft operational

1st Bde	02	02	02	03	04
2d Bde	04	04	03	03	
3d Bde	04	04	04	03	
Cav Sqdn	25	25	20	15	
Avn Co (Div)	08	08	06	07	
Maint Bn	02	01	01	-	
Div Arty	04	09	09	09	

(Note: Entries are in number of aircraft.)

Figure 2-125. Data collected from the aircraft availability chart.

Location of Chart

Columns/Units Sampled	Control as of 131400	Main CP Avn 140600	Alternate CP G3 140600	Div Arty S3 140600	Brigade S3 140600
--------------------------	----------------------------	--------------------------	------------------------------	--------------------------	-------------------------

Aircraft on hand

1st Bde	04	04	04	04	04
2d Bde	04	04	04	04	
3d Bde	04	04	04	03	
Cav Sqdn	31	31	19	20	
Avn Co (Div)	10	10	10	10	
Maint Bn	02	0	02	-	
Div Arty	09	09	09	09	

Aircraft operational

1st Bde	02	02	02	03	04
2d Bde	04	04	03	03	
3d Bde	04	04	04	03	
Cav Sqdn	25	25	20	15	
Avn Co (Div)	08	08	06	07	
Maint Bn	02	0	01	-	
Div Arty	04	09	09	09	

Location of Chart

Columns/Units Sampled	Control as of 131400	Main CP Avn 141200	Alternate CP G3 141200	Div Arty S3 141200	Brigade S3 141200
--------------------------	----------------------------	--------------------------	------------------------------	--------------------------	-------------------------

Aircraft on hand

1st Bde	04	04	04	-	04
2d Bde	04	04	04	-	
3d Bde	04	04	04	-	
Cav Sqdn	31	31	31	-	
Avn Co (Div)	10	10	10	-	
Maint Bn	02	0	02	-	
Div Arty	09	09	09	-	

Aircraft operational

1st Bde	02	02	02	-	04
2d Bde	04	04	04	-	
3d Bde	04	04	04	-	
Cav Sqdn	25	25	25	-	
Avn Co (Div)	08	08	08	-	
Maint Bn	02	0	01	-	
Div Arty	04	09	09	-	

(Note: Entries are in number of aircraft.)

Figure 2-125 (cont). Data collected from the aircraft availability chart

Columns/Units Sampled	Location of Chart				
	Control as of 141400	Main CP Avn 141800	Alternate CP G3 141800	Div Arty S3 141800	Brigade S3 141800

Aircraft on hand

1st Bde	04	04	04	04	04
2d Bde	04	04	04	04	
3d Bde	04	04	04	03	
Cav Sqdn	31	29	31	20	
Avn Co (Div)	10	10	10	10	
Maint Bn	02	02	02	-	
Div Arty	09	09	09	09	

Aircraft operational

1st Bde	02	02	02	03	04
2d Bde	04	04	04	04	
3d Bde	04	04	04	03	
Cav Sqdn	22	25	25	03	
Avn Co (Div)	07	08	08	07	
Maint Bn	02	01	01	-	
Div Arty	04	09	09	09	

Columns/Units Sampled	Location of Chart				
	Control as of 141400	Main CP Avn 142400	Alternate CP G3 142400	Div Arty S3 142400	Brigade S3 142400

Aircraft on hand

1st Bde	04	04	04		04
2d Bde	04	04	04		
3d Bde	04	13	04		
Cav Sqdn	31	30	32		
Avn Co (Div)	10	10	10		
Maint Bn	02	02	02		
Div Arty	09	09	09		

Aircraft operational

1st Bde	02	04	02		04
2d Bde	04	04	04		
3d Bde	04	13	04		
Cav Sqdn	22	27	25		
Avn Co (Div)	07	08	08		
Maint Bn	02	01	01		
Div Arty	04	09	09		

(Note: Entries are in number aircraft.)

Figure 2-125 (cont). Data collected from the aircraft availability chart.

Location of Chart

Columns/Units Sampled	Control as of 141400	Main CP Avn 150600	Alternate CP G3 150600	Div Arty S3 150600	Brigade S3 150600
Aircraft on hand					
1st Bde	04	04	04	04	04
2d Bde	04	04	04	04	
3d Bde	04	13	04	03	
Cav Sqdn	31	30	31	22	
Avn Co (Div)	10	10	06	10	
Maint Bn	02	0	02	-	
Div Arty	09	09	09	09	

Aircraft operational

1st Bde	02	04	02	03	04
2d Bde	04	04	04	03	
3d Bde	04	13	04	03	
Cav Sqdn	22	23	25	13	
Avn Co (Div)	07	08	05	07	
Maint Bn	02	0	01	-	
Div Arty	04	09	09	09	

(Note: Entries are in number of aircraft.)

Location of Chart

Columns/Units Sampled	Control as of 141400	Main CP Avn 151200	Alternate CP G3 151200	Div Arty S3 151200	Brigade S3 151200
Aircraft on hand					
1st Bde	04	04	04		04
2d Bde	04	04	04		
3d Bde	04	13	04		
Cav Sqdn	31	30	31		
Avn Co (Div)	10	10	10		
Maint Bn	02	0	02		
Div Arty	09	09	09		

Aircraft operational

1st Bde	02	04	02		04
2d Bde	04	04	04		
3d Bde	04	13	04		
Cav Sqdn	22	23	25		
Avn Co (Div)	07	08	08		
Maint Bn	02	0	01		
Div Arty	04	09	09		

Figure 2-125 (cont). Data collected from the aircraft availability chart.

Location of Chart

Columns/Units Sampled	Control as of 151400	Main CP Avn 151800	Alternate CP G3 151800	Div Arty S3 151800	Brigade S3 151800
--------------------------	----------------------------	--------------------------	------------------------------	--------------------------	-------------------------

Aircraft on hand

1st Bde	04	04	04	04	
2d Bde	04	04	04	04	
3d Bde	28	04	04	03	
Cav Sqdn	31	25	31	22	
Avn Co (Div)	10	10	10	10	
Maint Bn	02	02	02	-	
Div Arty	11	09	09	09	

Aircraft operational

1st Bde	02	04	02	03	
2d Bde	04	04	04	04	
3d Bde	28	04	04	03	
Cav Sqdn	18	19	25	13	
Avn Co (Div)	08	08	08	07	
Maint Bn	02	01	01	-	
Div Arty	05	09	09	09	

(Note: Entries are in number of aircraft.)

Location of Chart

Columns/Units Sampled	Control as of 151400	Main CP Avn 152400	Alternate CP G3 152400	Div Arty S3 152400	Brigade S3 152400
--------------------------	----------------------------	--------------------------	------------------------------	--------------------------	-------------------------

Aircraft on hand

1st Bde	04	04	04	04	-
2d Bde	04	04	04	04	
3d Bde	28	04	04	03	
Cav Sqdn	31	25	30	22	
Avn Co (Div)	10	10	10	10	
Maint Bn	02	02	02	-	
Div Arty	11	09	09	09	

Aircraft operational

1st Bde	02	04	04	03	-
2d Bde	04	04	04	04	
3d Bde	28	04	04	03	
Cav Sqdn	18	19	25	13	
Avn Co (Div)	08	08	08	07	
Maint Bn	02	01	02	-	
Div Arty	05	09	09	09	

Figure 2-125 (cont). Data collected from the aircraft availability chart.

Location of Chart

Columns/Units Sampled	Control as of 151400	Main CP Avn 160600	Alternate CP G3 160600	Div Arty S3 160600	Brigade S3 160600
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Aircraft on hand

1st Bde	4	-	04	04	-
2d Bde	4	-	04	04	-
3d Bde	28	-	04	03	-
Cav Sqdn	31	-	30	22	-
Avn Co (Div)	10	-	10	10	-
Maint Bn	02	-	02	-	-
Div Arty	11	-	09	09	-

Aircraft operational

1st Bde	02	-	04	03	-
2d Bde	04	-	04	04	-
3d Bde	28	-	04	03	-
Cav Sqdn	18	-	25	13	-
Avn Co (Div)	08	-	08	07	-
Maint Bn	02	-	02	-	-
Div Arty	05	-	09	09	-

(Note: Entries are in number of aircraft.)

Figure 2-125 (cont). Data collected from the aircraft availability chart.

Type ammunition/unit	Location of chart and times			
	Control as of 122400	Main CP FSE 122400	Alternate CP FSE 122400	Div Arty S3 122400

HE expended

1/45	24	-	-	-
1/46	209	-	-	-
1/47	0	-	-	-
1/48	0	-	-	-
1/49	0	-	-	-

Smoke expended

1/45	0	-	-	-
1/46	0	-	-	-
1/47	0	-	-	-
1/48	0	-	-	-
1/49	0	-	-	-

Type ammunition/unit	Location of chart and times			
	Control as of 122400	Main CP FSE 130600	Alternate CP FSE 130600	Div Arty S3 130600

HE expended

1/45	24	24	-	24
1/46	209	194	-	194
1/47	0	0	-	0
1/48	0	184	-	184
1/49	0	0	-	0

Smoke expended

1/45	0	0	-	0
1/46	0	0	-	0
1/47	0	0	-	0
1/48	0	0	-	0
1/49	0	0	-	0

(Note: Entries are in number of rounds expended)

Figure 2-126. Data collected from the ammunition status chart.

Type ammunition/unit	Location of chart and times			
	Control as of 122400	Main CP FSE 131200	Alternate CP FSE 131200	Div Arty S3 131200

HE expended

1/45	24	24	-	738
1/46	209	184	-	185
1/47	0	0	-	108
1/48	0	184	-	173
1/49	0	0	-	02

Smoke expended

1/45	0	0	-	0
1/46	0	0	-	0
1/47	0	0	-	0
1/48	0	0	-	0
1/49	0	0	-	0

Type ammunition/unit	Location of chart and times			
	Control as of 122400	Main CP FSE 131800	Alternate CP FSE 131800	Div Arty S3 131800

HE expended

1/45	24	-	24	738
1/46	209	-	194	185
1/47	0	-	0	108
1/48	0	-	184	173
1/49	0	-	0	02

Smoke expended

1/45	0	-	0	0
1/46	0	-	0	0
1/47	0	-	0	0
1/48	0	-	0	0
1/49	0	-	0	0

(Note: Entries are in number of rounds expended)

Figure 2-126 (cont). Data collected from the ammunition status chart.

Type ammunition/unit	Location of chart and times			
	Control as of 132400	Main CP FSE 132400	Alternate CP FSE 132400	Div Arty S3 132400

HE expended

1/45	202	-	24	738
1/46	556	-	194	185
1/47	144	-	0	108
1/48	327	-	184	173
1/49	02	-	0	02

Smoke expended

1/45	183	-	0	0
1/46	0	-	0	0
1/47	0	-	0	0
1/48	0	-	0	0
1/49	0	-	0	0

Type ammunition/unit	Location of chart and times			
	Control as of 132400	Main CP FSE 140600	Alternate CP FSE 140600	Div Arty S3 140600

HE expended

1/45	202	73	24	1450
1/46	556	185	194	456
1/47	144	108	0	484
1/48	327	327	184	327
1/49	02	02	0	02

Smoke expended

1/45	183	0	0	0
1/46	0	0	0	0
1/47	0	0	0	0
1/48	0	0	0	0
1/49	0	0	0	0

(Note: Entries are in number of rounds expended)

Figure 2-126 (cont). Data collected from the ammunition status chart.

Type ammunition/unit	Location of chart and times			
	Control as of 132400	Main CP FSE 141200	Alternate CP FSE 141200	Div Arty S3 141200
<u>HE expended</u>				
1/45	202	-	1453	1450
1/46	556	-	371	456
1/47	144	-	36	484
1/48	327	-	327	267
1/49	02	-	02	0

Smoke expended

1/45	183	0	0	0
1/46	0	0	0	0
1/47	0	0	0	0
1/48	0	0	0	0
1/49	0	0	0	0

Type ammunition/unit	Location of chart and times			
	Control as of 132400	Main CP FSE 141800	Alternate CP FSE 141800	Div Arty S3 141800

HE expended

1/45	202	73	1453	1450
1/46	556	185	371	456
1/47	144	108	36	484
1/48	327	327	327	267
1/49	02	02	02	0

Smoke expended

1/45	183	0	0	0
1/46	0	0	0	0
1/47	0	0	0	0
1/48	0	0	0	0
1/49	0	0	0	0

(Note: Entries are in number of rounds expended)

Figure 2-126 (cont): Data collected from the ammunition status chart.

Type ammunition/unit	Location of chart and times			
	Control as of 142400	Main CP FSE 142400	Alternate CP FSE 142400	Div Arty S3 142400

HE expended

1/45	1816		1453	1875
1/46	609		371	115
1/47	924		36	924
1/48	367		327	100
1/49	0		02	0

Smoke expended

1/45	36		0	0
1/46	0		0	0
1/47	0		0	0
1/48	0		0	0
1/49	0		0	0

Type ammunition/unit	Location of chart and times			
	Control as of 142400	Main CP FSE 150600	Alternate CP FSE 150600	Div Arty S3 150600

HE expended

1/45	1816	1875		
1/46	609	115		
1/47	924	924		
1/48	367	267		
1/49	0	0		

Smoke expended

1/45	36	36		
1/46	0	0		
1/47	0	0		
1/48	0	0		
1/49	0	0		

(Note: Entries are in number of rounds expended)

Figure 2-126 (cont). Data collected from the ammunition status chart.

Type ammunition/unit	Location of chart and times			
	Control as of	Main CP FSE	Alternate CP FSE	Div Arty S3
	142400	151200	151200	151200

HE expended

1/45	1816	-	1453	778
1/46	609	-	371	873
1/47	924	-	36	924
1/48	367	-	327	324
1/49	0	-	02	02

Smoke expended

1/45	36	-	0	36
1/46	0	-	0	0
1/47	0	-	0	0
1/48	0	-	0	0
1/49	0	-	0	0

Type ammunition/unit	Location of chart and times			
	Control as of	Main CP FSE	Alternate CP FSE	Div Arty S3
	142400	151800	151800	151800

HE expended

1/45	1816	778	1453	-
1/46	609	873	371	-
1/47	924	582	36	-
1/48	367	324	327	-
1/49	0	02	02	-

Smoke expended

1/45	36	36	0	-
1/46	0	0	0	-
1/47	0	0	0	-
1/48	0	0	0	-
1/49	0	0	0	-

(Note: Entries are in number of rounds expended)

Figure 2-126 (cont). Data collected from the ammunition status chart.

Type ammunition/unit	Location of chart and times			
	Control as of 152400	Main CP FSE 152400	Alternate CP FSE 152400	Div Arty S3 152400

HE expended

1/45	1531	-	778	1753
1/46	1845	-	1873	1137
1/47	1067	-	582	185
1/48	572	-	324	02
1/49	04	-	02	0

Smoke expended

1/45	78	-	0	0
1/46	0	-	0	0
1/47	0	-	0	0
1/48	0	-	0	0
1/49	0	-	0	0

Type ammunition/unit	Location of chart and times			
	Control as of 152400	Main CP FSE 160600	Alternate CP FSE 160600	Div Arty S3 160600

HE expended

1/45	1531	-	778	1753
1/46	1845	-	873	1132
1/47	1067	-	582	185
1/48	572	-	324	338
1/49	04	-	02	02

Smoke expended

1/45	78	-	0	0
1/46	0	-	0	0
1/47	0	-	0	0
1/48	0	-	0	0
1/49	0	-	0	0

(Note: Entries are in number of rounds expended)

Figure 2-126 (cont). Data collected from the ammunition status chart.

Units	Location of chart and times			Div Arty S3 122400
	Control as of 122000	Main CP FSE 122400	Alternate CP FSE 122400	
1/45 Arty	226282	226282		226282
Battery A	257284	257284		257284
Battery B	223305	223305		223305
Battery C	187313	187313		187313
1/46 Arty	112301	112301		112301
Battery A	106297	065236		065236
Battery B	078307	078307		078307
Battery C	129315	073229		073229

Units	Location of chart and times			Div Arty S3 130600
	Control as of 130200	Main CP FSE 130600	Alternate CP FSE 130600	
1/45 Arty	226282	226282	227283	226282
Battery A	257284	247284	261227	257284
Battery B	223305	223305	259230	223305
Battery C	187313	187313	269210	187313
1/46 Arty	112301	112301	065235	112301
Battery A	106297	065236	037170	106297
Battery B	078307	078307	066235	078307
Battery C	129315	073229	073228	129315

(Note: Entries are in 6-digit coordinates)

Figure 2-127. Data collected from the artillery positions chart.

Units	Location of chart and times			
	Control as of 130800	Main CP FSE 131200	Alternate CP FSE 131200	Div Arty S3 131200
1/45 Arty	226282	226282		226282
Battery A	257284	257284		257284
Battery B	223305	223305		223305
Battery C	187313	187313		193373
1/46 Arty	112301	112301		112301
Battery A	106297	106297		106297
Battery B	078307	078307		078307
Battery C	129315	129315		129315

Units	Location of chart and times			
	Control as of 131400	Main CP FSE 131800	Alternate CP FSE 131800	Div Arty S3 131800
1/45 Arty	215346	226282	215346	215346
Battery A	257284	257284	-	306372
Battery B	223305	223305	-	230381
Battery C	193373	187313	-	185400
1/46 Arty	077337	112301	083366	072404
Battery A	061319	106297	-	044408
Battery B	078338	078307	-	082407
Battery C	093319	129315	-	102408

(Note: Entries are in 6-digit coordinates)

Figure 2-127 (cont). Data collected from the artillery positions chart.

Units	Location of chart and times			
	Control as of 132000	Main CP FSE 132400	Alternate CP FSE 132400	Div Arty S3 132400
1/45 Arty	215346	232338	215346	215346
Battery A	306372	-	306372	306372
Battery B	230381	-	230381	230381
Battery C	185400	-	185400	185400
1/46 Arty	072404	-	085419	072404
Battery A	044408	-	093431	044408
Battery B	082407	-	085419	082407
Battery C	102408	-	106430	102408

Units	Location of chart and times			
	Control as of 140200	Main CP FSE 140600	Alternate CP FSE 140600	Div Arty S3 140600
1/45 Arty	215346	215346	215346	248425
Battery A	306372	306372	300372	302402
Battery B	230381	230381	230381	264414
Battery C	185400	185400	185400	198448
1/45 Arty	085419	085419	085419	085419
Battery A	059431	059431	095431	059431
Battery B	085439	085439	085419	085439
Battery C	106430	106430	106430	106430

(Note: Entries are in 6-digit coordinates)

Figure 2-127 (cont). Data collected from the artillery positions chart.

Units	Location of chart and times			
	Control as of 140800	Main CP FSE 141200	Alternate CP FSE 141200	Div Arty S3 141200
1/45 Arty	248425	248425	248425	-
Battery A	302402	302402	302402	-
Battery B	264414	264414	264414	-
Battery C	198448	198448	198448	-
1/46 Arty	058419	058419	085419	-
Battery A	059431	059431	095431	-
Battery B	085439	085439	085439	-
Battery C	106430	106430	106430	-

Units	Location of chart and times			
	Control as of 141400	Main CP FSE 141800	Alternate CP FSE 141800	Div Arty S3 141800
1/45 Arty	244477	248425	260520	263524
Battery A	331455	302402	-	318528
Battery B	293466	264414	-	282536
Battery C	201482	198448	-	229521
1/46 Arty	145447	058419	140470	085419
Battery A	129456	059431	-	059431
Battery B	139473	085439	-	085439
Battery C	153470	106430	-	106430

(Note: Entries are in 6-digit coordinates)

Figure 2-127 (cont). Data collected from the artillery positions chart.

Units	Location of chart and times			
	Control as of 142000	Main CP FSE 142400	Alternate CP FSE 142400	Div Arty S3 142400
1/45 Arty	263524	263524	-	-
Battery A	318528	-	-	-
Battery B	282536	-	-	-
Battery C	191542	-	-	-
1/46 Arty	181508	181447	-	-
Battery A	163505	-	-	-
Battery B	184518	-	-	-
Battery C	198505	-	-	-

Units	Location of chart and times			
	Control as of 150200	Main CP FSE	Alternate CP FSE	Div Arty S3 150600
1/45 Arty	218536	-	-	218536
Battery A	242563	-	-	242563
Battery B	191567	-	-	191567
Battery C	162586	-	-	162586
1/46 Arty	181508	-	-	181508
Battery A	163505	-	-	163505
Battery B	184518	-	-	184518
Battery C	198505	-	-	198503

(Note: Entries are in 6-digit coordinates)

Figure 2-127 (cont). Data collected from the artillery positions chart.

Units	Location of chart and times			
	Control as of 150800	Main CP FSE	Alternate CP FSE 151200	Div Arty S3 151200
1/45 Arty	260600	-	230610	218536
Battery A	339652	-	-	242 53
Battery B	294661	-	-	191567
Battery C	254658	-	-	162582
1/46 Arty	053656	-	060650	063580
Battery A	084662	-	-	094599
Battery B	063667	-	-	061601
Battery C	039656	-	-	034589

Units	Location of chart and times			
	Control as of 151400	Main CP FSE	Alternate CP FSE 151800	Div Arty S3
1/45 Arty	-	-	290660	-
Battery A	-	-	-	-
Battery B	-	-	-	-
Battery C	-	-	-	-
1/46 Arty	-	-	070700	-
Battery A	-	-	-	-
Battery B	-	-	-	-
Battery C	-	-	-	-

(Note: Entries are in 6-digit coordinates)

Figure 2-127 (cont). Data collected from the artillery positions chart.

Units	Location of chart and times			
	Control as of 152000	Main CP FSE 152400	Alternate CP FSE 152400	Div Arty S3 152400
1/45 Arty	381762	382675	-	381761
Battery A	381782	-	-	381782
Battery B	368795	-	-	368795
Battery C	346781	-	-	346781
1/46 Arty	064711	075767	070760	075767
Battery A	086719	-	-	090764
Battery B	072719	-	-	088773
Battery C	051721	-	-	070780

Units	Location of chart and times			
	Control as of 160200	Main CP FSE 160600	Alternate CP FSE 160600	Div Arty S3 160600
1/45 Arty	381762	-	380760	381761
Battery A	381782	-	-	381782
Battery B	368795	-	-	370853
Battery C	346781	-	-	350840
1/46 Arty	075767	-	-	075767
Battery A	090764	-	-	090764
Battery B	088773	-	-	088773
Battery C	070780	-	-	070780

(Note: Entries are in 6-digit coordinates)

Figure 2-127 (cont). Data collected from the artillery positions chart.

Item/Status	Location of chart			
	Control as of 131800	Main G4 131800	Alternate G4 131800	DISCOM S3 131800
Tank M60				
Serviceable	181	183		183
DL < 24 hr	04	03		03
DL > 24 hr	0	0		0
DL unrepairable	0	0		0
Combat loss	09	25		25
Carrier M113				
Serviceable	330	346		342
DL < 24 hr	04	04		04
DL > 24 hr	02	03		03
DL unrepairable	01	10		10
Combat loss	19	39		39

Item/Status	Location of chart			
	Control as of 131800	Main G4 132400	Alternate G4 132400	DISCOM S3 132400
Tank M60				
Serviceable	181	183	183	203
DL < 24 hr	04	03	03	02
DL > 24 hr	0	0	0	01
DL unrepairable	0	0	0	01
Combat loss	09	25	25	03
Carrier M113				
Serviceable	330	346	346	369
DL < 24 hr	04	04	04	0
DL > 24 hr	02	03	03	0
DL unrepairable	01	10	10	0
Combat loss	19	39	39	0

(Note. Entries are in number of vehicles.)

Figure 2-128. Data collected from the combat vehicle status chart.

Item/Status	Location of chart			
	Control as of 131800	Main G4 140600	Alternate G4 140600	DISCOM S3 140600
Tank M60				
Serviceable	181	-	183	203
DL < 24 hr	04	-	03	02
DL > 24 hr	0	-	0	01
DL unrepairable	0	-	0	01
Combat loss	09	-	25	03
Carrier M113				
Serviceable	330	-	346	369
DL < 24 hr	04	-	04	0
DL > 24 hr	02	-	03	0
DL unrepairable	01	-	10	01
Combat loss	19	-	39	0

Item/Status	Location of chart			
	Control as of 131800	Main G4 141200	Alternate G4 141200	DISCOM S3 141200
Tank M60				
Serviceable	181	-	183	203
DL < 24 hr	04	-	03	02
DL > 24 hr	0	-	0	01
DL unrepairable	0	-	0	01
Combat loss	09	-	25	03
Carrier M113				
Serviceable	330	-	346	369
DL < 24 hr	04	-	04	0
DL > 24 hr	02	-	03	0
DL unrepairable	01	-	10	01
Combat loss	19	-	39	0

(Note: Entries are in number of vehicles.)

Figure 2-128 (cont). Data collected from the combat vehicle status chart.

Item/Status	Location of chart			
	Control as of 141800	Main CP G4 141800	Alternate CP G4 141800	DISCOM S3 141800
Tank M60				
Serviceable	183	183	183	183
DL < 24 hr	05	03	03	03
DL > 24 hr	0	0	0	0
DL unrepairable	0	0	0	0
Combat loss	28	25	25	25
Carrier M113				
Serviceable	431	364	346	346
DL < 24 hr	15	05	04	04
DL > 24 hr	01	02	04	03
DL unrepairable	01	01	10	10
Combat loss	40	19	39	39

Item/Status	Location of chart			
	Control as of 141800	Main CP G4 142400	Alternate CP G4 142400	DISCOM S3 142400
Tank M60				
Serviceable	183	-	174	183
DL < 24 hr	05	-	03	03
DL > 24 hr	0	-	0	0
DL unrepairable	0	-	0	0
Combat loss	28	-	34	25
Carrier M113				
Serviceable	431	-	346	346
DL < 24 hr	15	-	04	04
DL > 24 hr	01	-	03	03
DL unrepairable	01	-	10	10
Combat loss	40	-	39	39

(Note: Entries are in number of vehicles.)

Figure 2-128 (cont). Data collected from the combat vehicle status chart.

Item/Status	Location of chart			
	Control as of 141800	Main CP G4 150600	Alternate CP G4 150600	DISCOM S3 150600
Tank M60				
Serviceable	183	194	174	194
DL < 24 hr	05	03	03	03
DL > 24 hr	0	04	0	04
DL unrepairable	0	0	0	0
Combat loss	28	32	34	32
Carrier M113				
Serviceable	431	334	346	334
DL < 24 hr	15	13	04	13
DL > 24 hr	01	0	03	0
DL unrepairable	01	01	10	01
Combat loss	40	41	39	41

Item/Status	Location of chart			
	Control as of 141800	Main CP G4 151200	Alternate CP G4 151200	DISCOM S3 151200
Tank M60				
Serviceable	183	-	194	194
DL < 24 hr	05	-	03	03
DL > 24 hr	0	-	04	04
DL unrepairable	0	-	0	0
Combat loss	28	-	32	32
Carrier M113				
Serviceable	431	-	334	334
DL < 24 hr	15	-	13	13
DL > 24 hr	01	-	0	0
DL unrepairable	01	-	01	01
Combat loss	40	-	41	41

(Note: Entries are in number of vehicles.)

Figure 2-128 (cont). Data collected from the combat vehicle status chart.

Item/Status	Location of chart			
	Control as of 151800	Main G4 151800	Alternate G4 151800	DISCOM S3 151800
Tank M60				
Serviceable	229	194	194	229
DL < 24 hr	14	03	03	13
DL > 24 hr	01	04	04	02
DL unrepairable	0	0	0	0
Combat loss	26	32	32	26
Carrier M113				
Serviceable	336	334	334	331
DL < 24 hr	16	13	13	16
DL > 24 hr	01	0	0	01
DL unrepairable	0	01	01	01
Combat loss	36	41	41	35

Item/Status	Location of chart			
	Control as of 151800	Main G4 152400	Alternate G4 152400	DISCOM S3 152400
Tank M60				
Serviceable	229	-	194	169
DL < 24 hr	14	-	03	09
DL > 24 hr	01	-	04	02
DL unrepairable	0	-	0	0
Combat loss	26	-	32	19
Carrier M113				
Serviceable	336	-	18	298
DL < 24 hr	16	-	02	16
DL > 24 hr	01	-	01	01
DL unrepairable	0	-	01	01
Combat loss	36	-	05	32

(Note: Entries are in number of vehicles.)

Figure 2-128 (cont). Data collected from the combat vehicle status chart.

Item/Status	Location of chart			
	Control as of 151800	Main G4 160600	Alternate G4 *160600	DISCOM S3 160600
Tank M60				
Serviceable	229	-	194	169
DL < 24 hr	14	-	03	09
DL > 24 hr	01	-	04	02
DL unrepairable	0	-	0	0
Combat loss	26	-	32	19
Carrier M113				
Serviceable	336	-	334	298
DL < 24 hr	16	-	13	16
DL > 24 hr	01	-	0	01
DL unrepairable	0	-	01	01
Combat loss	36	-	41	32

(Note. Entries are in number of vehicles.)

Figure 2-128 (cont). Data collected from the combat vehicle status chart.

Item/Status	Location of chart				
	Control as of 131800	Battalion S4 131800	Battalion S4 132400	Battalion S4 140600	Battalion S4 141200
Tank M60					
Serviceable	0	12	16	16	0
DL < 24 hr	0	0	0	0	0
DL > 24 hr	0	0	0	0	0
DL unrepairable	0	0	0	0	0
Combat loss	0	5	1	1	0
Carrier M113					
Serviceable	12	22	35	35	40
DL < 24 hr	03	03	04	04	03
DL > 24 hr	0	0	0	0	0
DL unrepairable	0	0	0	0	0
Combat loss	0	0	0	0	05

Item/Status	Location of chart				
	Control as of 131800	Brigade S4 131800	Brigade S4 132400	Brigade S4 140600	Brigade S4 141200
Tank M60					
Serviceable	33	46	49	37	97
DL < 24 hr	0	0	0	0	0
DL > 24 hr	0	02	0	0	0
DL unrepairable	0	0	0	0	0
Combat loss	4	01	05	07	07
Carrier M113					
Serviceable	69	126	118	112	118
DL < 24 hr	03	0	0	04	03
DL > 24 hr	01	05	05	03	03
DL unrepairable	0	0	0	0	0
Combat loss	09	08	10	03	20

(Note: Entries are in number of vehicles.)

Figure 2-128 (cont). Data collected from the combat vehicle status chart.

Item/Status	Location of chart				
	Control as of 141800	Battalion S4 141800	Battalion S4 142400	Battalion S4 150600	Battalion S4 151200
Tank M60					
Serviceable	0	0	0	0	0
DL < 24 hr	0	0	0	0	0
DL > 24 hr	0	0	0	0	0
DL unrepairable	0	0	0	0	0
Combat loss	0	0	0	0	0
Carrier M113					
Serviceable	37	40	37	25	26
DL < 24 hr	04	03	04	05	05
DL > 24 hr	0	0	0	0	0
DL unrepairable	0	0	0	0	0
Combat loss	08	5	07	15	17

Item/Status	Location of chart				
	Control as of 141800	Brigade S4 141800	Brigade S4 142400	Brigade S4 150600	Brigade S4 151200
Tank M60					
Serviceable	44	44	44	44	44
DL < 24 hr	02	02	02	02	02
DL > 24 hr	0	0	0	0	0
DL unrepairable	0	0	0	0	0
Combat loss	8	08	08	08	16
Carrier M113					
Serviceable	81	108	81	70	113
DL < 24 hr	08	07	08	09	09
DL > 24 hr	0	01	01	01	01
DL unrepairable	0	0	0	0	0
Combat loss	15	13	14	24	24

(Note: Entries are in number of vehicles.)

Figure 2-128 (cont). Data collected from the combat vehicle status chart.

Item/Status	Location of chart			
	Control as of 151800	Battalion S4 151800	Battalion S4 152400	Battalion S4 160600
Tank M60				
Serviceable	0	0	0	0
DL < 24 hr	0	0	0	0
DL > 24 hr	0	0	0	0
DL unrepairable	0	0	0	0
Combat loss	0	0	0	0
Carrier M113				
Serviceable	30	27	39	28
DL < 24 hr	05	05	08	13
DL > 24 hr	0	02	0	0
DL unrepairable	0	0	0	0
Combat loss	11	14	01	07

Item/Status	Location of chart			
	Control as of 151800	Brigade S4 151800	Brigade S4 152400	Brigade S4 160600
Tank M60				
Serviceable	101	-	-	194
DL < 24 hr	08	-	-	03
DL > 24 hr	0	-	-	04
DL unrepairable	0	-	-	0
Combat loss	16	-	-	32
Carrier M113				
Serviceable	108	-	-	334
DL < 24 hr	11	-	-	13
DL > 24 hr	0	-	-	0
DL unrepairable	0	-	-	01
Combat loss	27	-	-	41

(Note: Entries are in number of vehicles.)

Figure 2-128 (cont). Data collected from the combat vehicle status chart.

Section II - DIVISION GI DATA

Topic I - PERSONNEL (See figure 2-129 for response data).

1. In your section are all players on this shift, as listed on the player roster, present for duty? (IID #3a).
- *2. If the answer to question 1 is NO, list the position number of the person(s) missing, check a reason for their absence; check yes or no if someone is filling in, and if yes, then what is his position number. (IID #3b).
3. Are there personnel working in your section who are excess to the player roster for this shift? (A player is also excess if he is supposed to be off-shift but is employed in addition to the scheduled on-shift personnel). (IID #4a).
- *4. If the answer to the question above is YES, identify these excess personnel. (IID #4b).

*Significant comments are summarized in element and/or section analysis.

Ques no	Possible responses	Evaluator responses							
		Admin				Div PM			
		IID	IIR	Wt	pct	IID	IIR	Wt	pct
1	Yes	6		86		7		100	
	No	1		14					
3	Yes	1		14					
	No	6		86		7		100	

Figure 2-129. GI responses to questions under topic I - Personnel.

2-130 - EQUIPMENT (See figure 2-130 for response data).

1. Are all the major items of equipment authorized by this section, as listed in the O&F Manual, available for use by the section? (IID #9a).
2. If the answer to the above is NO, list that authorized equipment missing and give the reason why it is missing. (IID #9b).
3. Are there any major items of equipment used by this section which are not listed in the OFM? (IID #10a).
4. If the answer to the above is YES, list the excess equipment. (IID #10b).

*Significant comments are summarized in element and/or section analysis.

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Ques no	Possible responses	Evaluator responses			
		Admin		Div PM	
		IID	IIR	IID	IIR
		wt	pct	wt	pct
1	Yes	7	100	7	100
	No				
3	Yes	2	29		
	No	5	71	7	100

Figure 2-130. GI responses to questions under topic 2 - Equipment.

TOPIC 3 - FUNCTIONS AND PROCEDURES (See figures 2-131 thru 2-135 for response data.)

- 1 How much time did you spend at meals, latrine, or away from your section area and not on section business? (PDQ1 #19).
- 2 How much time did you spend in your section area but had no work to do? (PDQ1 #20).
- 3 Listed below are the function and procedures for your position number. Place the estimated time (Hours, Minutes) spent performing the procedure. (PDQ1 #21).
- 4 If you spent a part of your time performing functions and procedures which were not listed for your section in the previous question, list them below with the time spent on each. (PDQ1 #22).
- 5 Did you use an off-shift person to assist you during your shift? (PDQ1 #23).
- 6 If the answer to question #5 was yes, indicate the position number of the person assisting you along with the code number of the function and procedure performed and the amount of time spent performing this procedure. (PDQ1 #24).
- 7 Is an OFM required? (PEQ #7, IR #1a, IIR #5a).
- 8 If an OFM is required, should it contain more or less information than the one your section used during this experiment? (PEQ #8, IR #10, IIR #5d).
- 9 Did your section use the Organization and Functions Manual (OFM) provided? (PEQ #9, IIR #5) (IR #1).
- 10 Was the OFM format such that your section could easily locate those functions and procedures which it was required to perform? (PEQ #10, IR #1b, IIR #5b).
- 11 Did the OFM adequately describe the functions your section performed? (PEQ #11, IR #1c, IIR #5c).

*Significant comments are summarized in element and/or section analysis.

TOPIC 2 - FUNCTIONS AND PROCEDURES (CONT)

- *12 Considering the resources allocated and the tactical conditions experienced during normal operations, list any changes to the OFM that should be made. Of particular interest are those functions and procedures that should be shifted to or from any of the elements in your section or shifted between sections. (PEQ #16, ID #36, IR #27, IID #41, IIR #25).
- *13 Identify any significant strengths or weaknesses regarding functions in the element or section you observed during the test. Include effect when TAC CP deploys and effect when Div Alt CP assumes control. (PEQ #31, ID #35, IR #26, IID #40, IIR #24).

*Significant comments are summarized in element and/or section analysis.

ELEV.	PRODUCTIVE TIME AVAILABLE															
	PRODUCTIVE TIME								IDLE TIME							
	LISTED FUNCTIONS								UNLISTED FUNCTIONS							
	Subtotal		Mean	%	Subtotal		Mean	%	Subtotal		Mean	%	Subtotal		Mean	%
Off/No	13.16	5.39	52.91	14.66	1.83	17.97	22.75	2.84	27.89	1.00	0.12	1.22	81.57	10.19	57.82	7.22
E5/Above	60.00	7.50	56.07	22.00	2.75	20.56	16.50	2.06	15.42	8.50	1.06	7.94	107.00	13.37	82.00	10.25
E4/Below	18.50	4.62	59.73	3.00	0.75	9.52	8.00	2.00	25.39	2.00	0.50	6.34	31.50	7.87	21.50	5.37
Element Total	121.66	6.08	55.28	39.66	1.98	18.02	47.25	2.36	21.47	11.50	0.57	5.22	220.07	11.00	161.32	8.06

Figure 2-131. G1 element utilization, Acin.

ELEMENT DIV PM	PRODUCTIVE TIME AVAILABLE												TOTAL SHIFT TIME	PRODUCTIVE TIME		
	PRODUCTIVE TIME						IDLE TIME								ABSENT TIME	
	LISTED FUNCTIONS			UNLISTED FUNCTIONS			Subtotal			Subtotal						
	Subtotal	Mean	%	Subtotal	Mean	%	Subtotal	Mean	%	Subtotal	Mean	%				
Off/No	61.00	75.25	72.61	19.00	4.75	22.61	2.00	0.50	2.38	2.00	0.50	2.38	84.00	21.00	80.00	20.00
E5/Above	75.00	18.75	89.46	5.83	1.45	6.95	1.00	0.25	1.19	2.00	0.50	2.38	83.83	20.95	80.83	20.20
E4/Below	76.00	2.66	63.33	15.49	2.58	12.90	0.00	0.00	0.00	28.50	4.75	23.75	119.99	19.99	91.49	15.24
Element Total	212.00	15.14	73.65	40.32	2.88	14.00	3.00	0.21	1.04	32.50	2.32	11.29	287.82	20.55	252.32	18.02

ELEMENT	PRODUCTIVE TIME AVAILABLE											
	PRODUCTIVE TIME						TOTAL SHIFT TIME					
	LISTED FUNCTIONS						IDLE TIME					
	Subtotal	Mean	%	Subtotal	Mean	%	Subtotal	Mean	%	Subtotal	Mean	%
7.25	7.25	42.02	1.00	1.00	5.79	46.37	8.00	3.00	46.37	1.00	17.25	8.25
X	X	X	X	X	X	X	X	X	X	X	X	X
X	X	X	X	X	X	X	X	X	X	X	X	X
X	X	X	X	X	X	X	X	X	X	X	X	X
7.25	7.25	42.02	1.00	1.00	5.79	46.37	8.00	3.00	46.37	1.00	17.25	8.25

Figure 2-133. Element time utilization, Hqs Condt.

Func and pro number	Functions and procedures	Time exp (hours)		Sample size (number)		Percentage of total time	
		Func	Subfunc	Func	Subfunc	Func	Subfunc
		Admin					
F01	Maintenance of unit strength.	35.58		22		29.25	
F01P01	Maintains a continuous loss estimate (balanced against forecasted personnel receipts) to provide information on current and future status of requirements, together with recommendations for solution thereof.		9.75		5		8.01
F01P02	Supervises system of records and reports showing status of personnel matters in the command as a whole, including:						
F01P02A	Data required to keep the commander informed on the strength of the command and reports of direct and immediate concern, including personnel daily summary, special		21.83		13		17.94

Figure 2-134. CI functions and procedures.

Func and pro number	Functions and procedures	Time exp (hours)		Sample size (number)		Percentage of total time	
		Func	Subfunc	Func	Subfunc	Func	Subfunc
		Admin (cont)					
F01P02A	strength reports (emergency-type reports), periodic personnel reports, etc.		(20.50)		(10)		(15.85)
F01P02B	Other personnel reports, such as morning reports, casualty reports, etc.						
F01P02C	Prepares personnel estimates of the situation; participates in operational planning, including the provision of personnel requirements for deception and damage control operations; and prepares the personnel plan and the personnel portion of orders.						
F01P02D	Determines availability of units and coordinates with G3 on recommendations as to requests for units or individual replacements.		(1.33)		(3)		(1.09)

Figure 2-134 (cont). G1 functions and procedures.

Func and pro number	Functions and procedures	Time exp (hours)		Sample size (number)		Percentage of total time	
		Func	Subfunc	Func	Subfunc	Func	Subfunc
		Admin (cont)					
F01P03	Determines requirements, supervises requisitioning procedures, recommends allocations, establishes policies and procedures for processing, and plans for movement of individual replacements.	4.00	4			3.29	
F02	Personnel management. Exercises coordinating staff supervision of all management matters (including personnel procedures) affecting the personnel of the command as individuals.	1.50	2		1.23		
F02P01	Personnel management.	0.50	1			0.41	
F02P01A	Classifies and assigns personnel to insure that objectives of the program are carried out.	(0.50)	(1)			(0.41)	

Figure 2-134 (cont). GI functions and procedures.

Func and pro number	Functions and procedures	Time exp (hours)		Sample size (number)		Percentage of total time	
		Func	Subfunc	Func	Subfunc	Func	Subfunc
		Admin (cont)					
F02P01B	Recommends policies and supervises the execution of programs concerning decorations and awards, promotions, pay transfers, and reassignments, as well as demotions and separations.						
F02P01C	Promotes the welfare of the command by recommending policies and supervising the execution of programs governing health and hygiene, working hours, leaves and passes, and religious participation.						
F02P02	Plans and supervises custody, administration, utilization, and treatment of prisoners of war and civilian internees from time of capture or taking custody to evacuation, repatriation, or parole.						

Figure 2-134 (cont). GI functions and procedures.

Func and pro number	Functions and procedures	Time exp (hours)		Sample size (number)		Percentage of total time	
		Func	Subfunc	Func	Subfunc	Func	Subfunc
Admin (cont)							
F02P03	Recovered US prisoners of war.						
F02P03A	Coordinates and supervises initial steps (furnishing food, clothing, and medical attention) for the rehabilitation and processing of US or allied personnel recovered from enemy control.						
F02P03B	Arranges for prompt notification to higher headquarters, prompt evacuation from the combat zone, private use of Army communications means, and intelligence debriefing.						
F02P04	Within policies of higher headquarters, recommends command policies pertaining to battlefield promotions and appointments; supervises						

Figure 2-134 (cont). GI functions and procedures.

Func and pro number	Functions and procedures	Time exp (hours)		Sample size (number)		Percentage of total time	
		Func	Subfunc	Func	Subfunc	Func	Subfunc
		Admin (cont)					
F02P04	implementation of the program to insure efficient and standard processing systems and maintenance of promotion and appointment standards.						
F02P05	Plans and supervises the use of civilian labor to include organization and responsibilities, conditions of employment, inclusion of labor supervisory units and personnel in troop lists, supply (to include food, clothing, and equipment, field shelter, and tools), fiscal arrangements, and administration of labor.						
F03	Development and maintenance of morale.		1.00		1		0.82

Figure 2-134 (cont). GI functions and procedures.

Func and pro number	Functions and procedures	Time exp (hours)		Sample size (number)		Percentage of total time.	
		Func	Subfunc	Func	Subfunc	Func	Subfunc
		Admin (cont)					
F03P01	Exercises coordinating staff responsibilities for the following services: postal, finance, religious, special, exchange, welfare, and legal.						
F03P02	Supervises graves registration duties: cemeteries, evacuation, personal effects, and ceremonies.						
F04	Health services management.						
F04P01	Provides information and guidance to the surgeon for formulation of the health service plan for the command.						
F04P02	Reviews plan, approves, and places in administrative and logistic order.						

Figure 2-134 (cont). CI functions and procedures.

Func and no number	Functions and procedures	Time exp (hours)		Sample size (number)		Percentage of total time	
		Func	Subfunc	Func	Subfunc	Func	Subfunc
		Admin (cont)					
F04P03	Develops estimate of injury, sick, and wounded rate for future operations.						
F04P04	Develops estimate of injury, sick, and wounded rate for prisoners of war.						
F04P05	Recommends policy for evacuation and hospitalization of casualties due to fallout, contamination, and chemical or biological warfare.						
F05	Maintenance of discipline, law, and order.						
F05P01	Exercises coordinating staff responsibility for matters of discipline, law, and order; collects information, data, and statistics; and conducts						

Figure 2-134 (cont). GI functions and procedures.

Func and pro number	Functions and procedures	Time exp (hours)		Sample size (number)		Percentage of total time	
		Func	Subfunc	Func	Subfunc	Func	Subfunc
		Admin (cont)					
EO5P01	analysis thereof in order to recommend policy and/or pre- ventive or corrective actions.						
EO6	Headquarters management.	1.00		1		0.32	
EO6P01	Controls headquarters organi- zation and administration without encroachment on the prerogatives of other staff officers, to insure that head- quarters operations are per- formed with optimum effi- ciency; coordinates and super- vises the movement and inter- nal organization of the headquarters; recommends man- power economics, especially of bulk allotment personnel; and allocates shelter in the headquarters area in coordi- nation with the G3 for area						

Figure 2-134 (cont). G1 functions and procedures.

Func and pro number	Functions and procedures	Time exp (hours)		Sample size (number)		Percentage of total time	
		Func	Subfunc	Func	Subfunc	Func	Subfunc
		Admin (cont)					
F06P01	organization and with the G4 for the provision of shelter. Recommends the general loca- tion of the rear CP. Provides administrative ser- vices within the section. Performs clerical services such as typing and filing. Performs operations activities such as posting maps and charts and preparing overlays. Performs communication-related functions such as radiotele- phone operation, laying wire, etc.	80.50	1.00	24	1	66.17	0.82
F06P02							
F77							
F77P01			61.50		13		50.55
F77P02			14.00		8		11.51
F77P03			5.00		3		4.11

Figure 2-134 (cont). G1 functions and procedures.

Func and pro number	Functions and procedures	Time exp (hours)		Sample size (number)		Percentage of total time	
		Func	Subfunc	Func	Subfunc	Func	Subfunc
		Admin (cont)					
F77P04	Performs driver functions to include vehicle maintenance (except during displacement). Briefings. Prepares briefings. Presents briefings. TOTAL	3.08		6		2.53	
F88			2.58		5		2.12
F88P01			0.50		1		0.41
F88P02		121.56					
		Provost Marshal					
F01	Advises the division commander on provost marshal matters. Advises and makes recommenda- tions pertaining to: Maintenance of order and discipline.	15.00		15		7.08	
F01P01			3.00		4		14.15

Figure 2-134 (cont). G1 functions and procedures.

Func and pro number	Functions and procedures	Time exp (hours)		Sample size (number)		Percentage of total time	
		Func	Subfunc	Func	Subfunc	Func	Subfunc
Provost Marshal (cont)							
F01P02	Requirements for use of MP units.	70.00	5.50		6		3.07
F01P03	Populace, refugee, and resource control.		5.50		5		2.59
F02	Plans and supervises MP operations.			49			33.02
F02P01	Prepares and supervises MP training programs.		1.00		1		0.47
F02P02	Plans and supervises military police operations to include:	69.00			48		32.55
F02P02A	Confinement, rehabilitation, and hospital prison wards.						
F02P02B	Provides for security of PW's and civilian internees during evacuation from forward col- lection points to the central						

Figure 2-134 (cont). GI functions and procedures.

Func and pro number	Functions and procedures	Time exp (hours)		Sample size (number)		Percentage of total time	
		Func	Subfunc	Func	Subfunc	Func	Subfunc
		Provost Marshal (cont)					
F02P02B	division collecting point or army transfer point.		(4.50)		(3)		(2.12)
F02P02C	Circulation control of vehicu- lar traffic (including con- voys), refugees (including displacement), and indivi- duals, as well as populace and resource control and control of lines of communication.		(15.50)		(8)		(7.31)
F02P02D	Apprehension of offenders under military control.		(3.00)		(3)		(1.42)
F02P02E	Crime investigation and pre- vention.		(6.00)		(5)		(2.83)
F02P02F	Aid to civil authorities during civil disturbance or disaster.						

Figure 2-134 (cont). GI functions and procedures.

Func and pro number	Functions and procedures	Time exp (hours)		Sample size (number)		Percentane of total time	
		Func	Subfunc	Func	Subfunc	Func	Subfunc
		Provost Marshal (cont)					
F02P020	Military police support and rear area protection potential.		(8.00)		(6)		(3.77)
F02P021	Collection and control of stragglers.		(6.00)		(7)		(2.83)
F02P021	Establishment of motor patrol circulation and control points, or combination thereof, in support of division operations.		(15.50)		(8)		(7.31)
F02P02J	Provides for route reconnaissance, convoy escort, and security of high priority shipment or movement.		(10.50)		(9)		(4.95)
F02P02K	Provides for temporary detention of US military prisoners pending further transfer to						

Figure 2-134 (cont). GI functions and procedures.

Func and pro number	Functions and procedures	Time exp (hours)		Sample size (number)		Percentage of total time	
		Func	Sub func	Func	Subfunc	Func	Subfunc
Provost Marshal (cont)							
F02P02K	field army or IASCOM stockade facilities.	26.50		24		12.50	
F03	Exercises staff responsibility for internal security of CP		11.00		8		5.19
F03P01	Controls operation of security platoon, CP company.		8.50		8		4.01
F03P02	Insures internal security of key CP locations.						
F02P03	Coordinates with HQ Commandant to integrate internal security with overall CP defense plan.		7.00		8		3.30
F77	Provides administrative services within the section.	100.50		33		47.41	
F77P01	Performs clerical services such as typing and filing.		32.50		9		15.33

Figure 2-134 (cont). GI functions and procedures.

Func and no number	Functions and procedures	Time exp (hours)		Sample size (number)		Percentage of total time	
		Func	Subfunc	Func	Subfunc	Func	Subfunc
		Provost Marshal (cont)					
F77P02	Performs operations activities such as posting maps and charts and preparing overlays.		15.00		10		7.55
F77P03	Performs communication-related functions such as radiotele- phone operator, laying wire, etc.		31.50		8		14.86
F77P04	Performs driver functions to include vehicle maintenance (except during displacement).		20.50		6		9.67
F88	Briefings.						
F88P01	Prepares briefings.						
F88P02	Presents briefings.						
	TOTAL	212.00					

Figure 2-134 (cont). GI functions and procedures.

Func and pro number	Functions and procedures	Time expn (hours)		Sample size (number)		Percentage of total time	
		Func	Subfunc	Func	Subfunc	Func	Subfunc
		HQ Commandant					
F01	Headquarters management.	3.75		2		51.72	31.03
F01P01	Coordinates and supervises the movement and internal organization of the headquarters.	2.25		1			20.69
F01P02	Plans and supervises command post security.	1.50		1			
F02	Exercises operational control over headquarters troops not assigned or attached to subordinate commands.	2.25		3		31.03	
F02P01	Supervises the training and morale activities of headquarters personnel and casualties.	1.00		1			13.79
F02P02	Messing, quartering, and supplying of headquarters personnel and casualties.	1.00		1			3.45

Figure 2-134 (cont). GI functions and procedures.

Func and pro number	Functions and procedures	Time exp (hours)		Sample size (number)		Percentage of total time	
		Func	Subfunc	Func	Subfunc	Func	Subfunc
		HQ Commandant (cont)					
F02P03	Provides protective areas for headquarters personnel and casualties.		0.25		1		3.45
F03	Receives and provides accommodations for visitors to the headquarters.	0.25		1		3.45	
F04	Supervises the general's mess.	0.50		1		6.90	
F05	Supervises motor transportation organic to, or allocated for, use by the headquarters.	0.25		1		3.45	
F06	Supervises the maintenance of equipment organic to, or allocated for, use by the headquarters.						
F77	Provides administrative services within the section.	0.25		1		3.45	

Figure 2-134 (cont). G1 functions and procedures.

Func and pro number	Functions and procedures	Time exp (hours)		Sample size (number)		Percentage of total time	
		Func	Subfunc	Func	Subfunc	Func	Subfunc
		HQ Commandant (cont)					
F77P01	Performs clerical services such as typing and filing.						
F77P02	Performs operations activities such as posting maps and charts and preparing overlays.						
F77P03	Performs communication-related functions such as radiotele- phone operator, laying wire, etc.						
F77P04	Performs driver functions to include vehicle maintenance (except during displacement).						
F88	Briefings.						
F88P01	Prepares briefings.						
F88P02	Presents briefings. TOTAL						
		7.25					

Figure 2-134 (cont). GI functions and procedures.

Ques no.	Possible response	Player responses						Evaluator responses					
		Division GI		Admin		Div PM		HQ Comdt		Division GI		Admin	
		PEQ	pct	PEQ	pct	PEQ	pct	PEQ	pct	ID IR	wt pct	ID IR	wt pct
7	YES	1	100	3	100	2	67	1	100	1	100	1	100
	NO					1	33						
8	More			3	100	3	100			1	100	1	100
	Less	1	100					1	100				
	Did not read												
	OFM												
	Same												
	Not required												
9	Yes	1	100	2	67	3	100	1	100	1	100	1	100
	No			1	33								
10	Yes	1	100	2	67	3	100	1	100	1	100	1	100
	No			1	33								
11	Yes	1	100	3	100	3	100	1	100	1	100	1	100
	No												

Figure 2-135. GI responses to questions under topic 3 - Functions and procedure.

TOPIC 4 - GI FILES (See figures 2-136 thru 2-138 for response data).

- 1 Listed below are those files that were determined to be required by your position number. Indicate the total amount of time consumed when you used the file; indicate how often during your shift you used the file; indicate the amount of time consumed in the maintenance of the file during your shift. (PDQ1 #26)
- 2a Based on your experience during normal operations only classify the maps available for your element. Do not consider Div TOC and Alt CP requirements. (PEQ #5, IR #18, IID #26, IIR #14.1).
- 2b Same as above for charts.
- 2c Same as above for Files (residual).
- *2d If there was "not enough" or "too much", list what you would like to add or take away from your element.
- 3 Rate the adequacy of the information required on the visual displays you have seen within the headquarters/section during the test. (This does not pertain to the accuracy of the information itself). (ID #15a, IR #17a, IID #25a, IIR #4a).
- 4 Write the sequence number and name as given in the list of files in the PDQ1 for the map/chart to which this questionnaire applies. (CAT III D1 #2).
- 4a Identify the player(s) in this element/section who most often post(s) this particular map/chart. (CAT III D1 #4).
- 4b Record the approximate number of times per shift the player(s) posted this map/chart. (CAT III D1 #4).
- 4c Identify the player(s) in this element/section who most often obtains information from this map/chart. (CAT III D1 #6).
- 4d Record the approximate number of times per shift the player used this map/chart. (CAT III D1 #6).

*Significant comments are summarized in element and/or section analysis.

File seq no	Name of file	Total usage time (hours)	Number of times used	Maint time (hours)
		Admin		
1101	Staff Sec Workbook	38.75	321	10.75
1102	Staff Journal			
1103	Suspense File			
1104	Division SOP	19.25	33	17.25
1105	Personnel Daily Summary Report			
1106	Unit Strength Chart			
1107	Accident Report	6.00	11	5.00
1108	Serious Incident Report	1.50	3	1.50
1109	Policy File			
1110	Spot Strength Report			
1111	Straggler Report	0.25	1	0.75
1112	Internee Strength Report	1.25	4	1.00
1113	PW Status Chart	67.00		36.25
1114	Discipline, Law, and Order Report			
1115	Awards and Decorations Chart			
1116	Disciplinary Action Chart	67.00		36.25
1117	Incidents Chart			
1118	Periodic Personnel Report			
	TOTAL			
		PM		
1201	Staff Journal	12.00	74	6.00
1202	PW Status Chart	2.16	18	1.75
1203	Situation Map	9.50	49	3.50
1204	Police Intelligence Overlay	3.00	30	2.00
1205	Route Status/Circulation Control (Overlay)	9.00	80	6.00
1206	Vehicle-Radio Status Chart	1.50	12	1.50
1207	Division SOP	1.00	7	-
1208	Civilian Internee Status Chart	38.16		20.75
1209	Platoon Commitment Chart			
	TOTAL			
		Div HQ Comdt		
1401	Division SOP File			
1402	Policy File			
	TOTAL			

Figure 2-14. GI file data, source - player.

File seq no	Name of display	Pers who posted display	No of times posted	Pers who used display	No of times used
1106	Unit Strength Chart	Admin			
		Asst GI Pers Mgt Supv	2 2	Asst GI	3
		PM			
1202	PW Status Chart	Asst Div PM Op NCO	6 1	Asst Div PM Div PM Op NCO	29 22 15
1203	Situation Map	Asst Div PM Op NCO Div PM	65 39 31	Asst Div PM Div PM Op NCO	145 96 75
1206	Vehicle-Radio Status Chart	Asst Div PM	7	Asst Div PM Div PM Op NCO	15 10 5
1208	Civilian Internee Status Chart	Asst Div PM Op NCO	7 3	Asst Div PM Div PM Op NCO	25 21 16
1209	Platoon Commitment Chart	Asst Div PM Op NCO Div PM	33 9 6	Asst Div PM Div PM Op NCO	46 19 16

Figure 2-137. GI display, posting, and usage data, source - evaluator.

Ques no	Possible response	Player responses						Evaluator responses					
		Division GI		Admin		Div PM		HQ Comdt		Division GI		Admin	
		PEQ	pct	PEQ	pct	PEQ	pct	PEQ	pct	ID IR	wt pct	IID IIR	wt pct
2a	Not enough	1	100	3	100	3	100	1	100	1	100	7	100
	Adequate												
	Too much												
2b	Not enough			2	67								
	Adequate	1	100	1	33	1	100	1	100	1	100	6	43
	Too much											1	57
2c	Not enough			2	67								
	Adequate	1	100	1	33	1	100	1	100	1	100	7	100
	Too much												
3	Very adequate												
	Adequate												
	Marginal												
	Inadequate												
	Very inadequate												

Figure 2-138. GI responses to questions under topic 4 - Files.

TOPIC 5 - CI REPORTS (See figures 2-139 and 2-140 for response data).

- 1 Listed below are reports which your position number may be required to use. Indicate the total amount of preparation time spent on each. (PDQ1 #27).
- 2a Based on your experience during normal operations only classify the reports required by your element. Do not consider Div TOC and ALT CP requirements. (PEQ #5, IR #18, IID #26, IIR #14.1).
- 2b If there was "not enough" or "too much", list what you would like to add or take away from your element.

*Significant comments are summarized in element and/or section analysis.

Report seq no	Name of report	Preparation time (hours)	No of times fwd	Sample size (no)
1102	Personnel Daily Summary Report	Admin		
		20.50	6	8
		0.25	1	1
		0.41	3	2
		0.75	1	2
		2.00	4	4
1106	Internee Strength Report TOTAL	23.91		
1103	Spot Strength Report TOTAL	PM		
		1.00	5	1
		1.00		

Figure 2-139. GI reports data.

Ques no	Possible response	Player responses				Evaluator responses											
		Division GI		Admin		DIV PM		HQ Comdt		Division GI		Admin		DIV PM		HQ Comdt	
		PEQ	pct	PEQ	pct	PEQ	pct	PEQ	pct	ID IR wt	pct	ID IR wt	pct	ID IR wt	pct	ID IR wt	pct
2a	Not enough			2	67	2	67	1	33	1	100	1	100	7	1	50	
	Adequate																
	Too much	1	100	1	33											1	100

Figure 2-140. GI responses to questions under topic 5 - Reports.

TOPIC 6 - CP ORGANIZATIONAL STRUCTURE AND PHYSICAL RELATIONSHIPS (See figures 2-141 thru 2-148 for response data.)

- 1 Complete a floor plan for each vehicle and tent in the section(s) you are responsible for at the start of the test and after each displacement. (CAT III D2).
- 2 Selected Category I evaluators are responsible for having a sketch made of the CP layout at the sites shown below. A CP sketch is required at the beginning of the test and after each CP displacement is completed. (IC-special instructions).
- 3 Did the physical location of your element/section within the CP have an adverse effect on your coordination with other elements/sections? (PDQ2 #3, IID #20).
- *4 Identify any significant organizational strengths or weaknesses in the element or section you observed during the test. Include effect when TAC CP deploys and effect when Div Alt CP assumes control. (PEQ #31, ID #35, IR #26, IID #40, IIR #24).
- *5 Based on any observed indicators of poor staff organization, would you recommend changes concerning the organizational structure or physical operating location? (PEQ #37, ID #40, IR #30, IID #42, IIR #27).

*Significant comments are summarized in element and/or section analysis.

LEGEND
FOR CP SKETCHES

TRUCK CARGO

(5 TON = M54A2)
(2 1/2 TON = M35A1)
(1 1/4 TON = M715)
(CAMMA GOAT = M561)



TRAILER CARGO

(3/4 TON = M101A1)



TRUCK UTILITY

(1/4 TON = M151A1)



TENT

(S = SMALL)
(M = MEDIUM)



SIGNAL VAN



GENERATOR

#USED TO DESIGNATE
KW RATING



VAN

(5 TON = M292)
(2 1/2 TON = M109)



TRACK

(M577)



Figure 2-141. Legends for figures 2-142, 2-143 and 2-144.

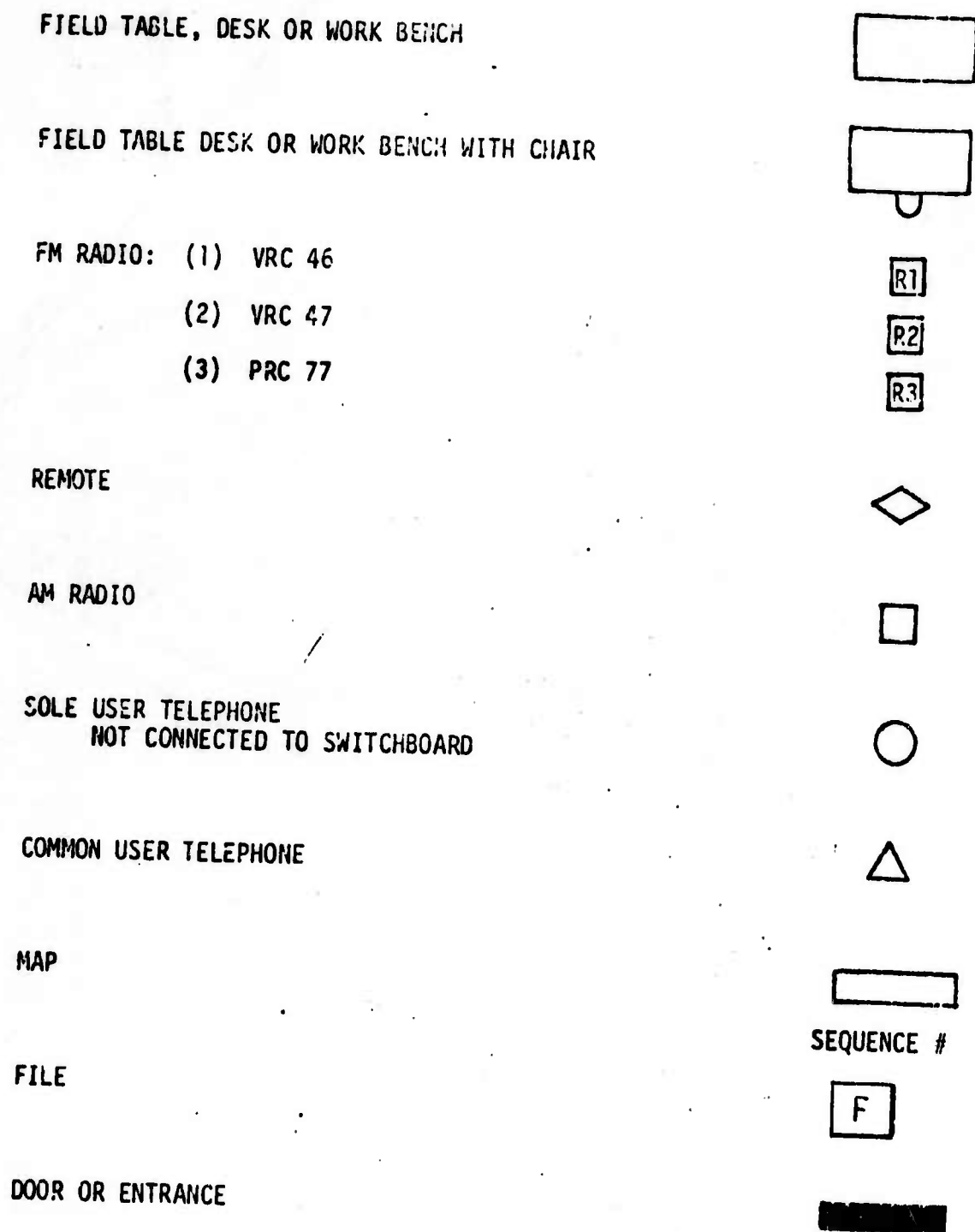


Figure 2-145. Legend for figure 2-146 and 2-147.

M - Div Main

D - Div Arty

B - Brigade

F - Battalion

C - Corps

A - Alternate

S - Discom

G - Air Force

1. CG Net

2. Command Net

3. Intel Net

4. TOC Net (AM)

5. D. S. Arty Bn CF Net

6. D. S. Arty Bn FD Net

7. USAF Air Direction Net

8. USAF Air Request Net

9. A/L Net (RATT)

10. RATT (BICC at Div)

11. OPS Net (RATT)

12. Admin/Movement Control

13. Corps Command RATT

14. Div Arty CF 1 (RATT)

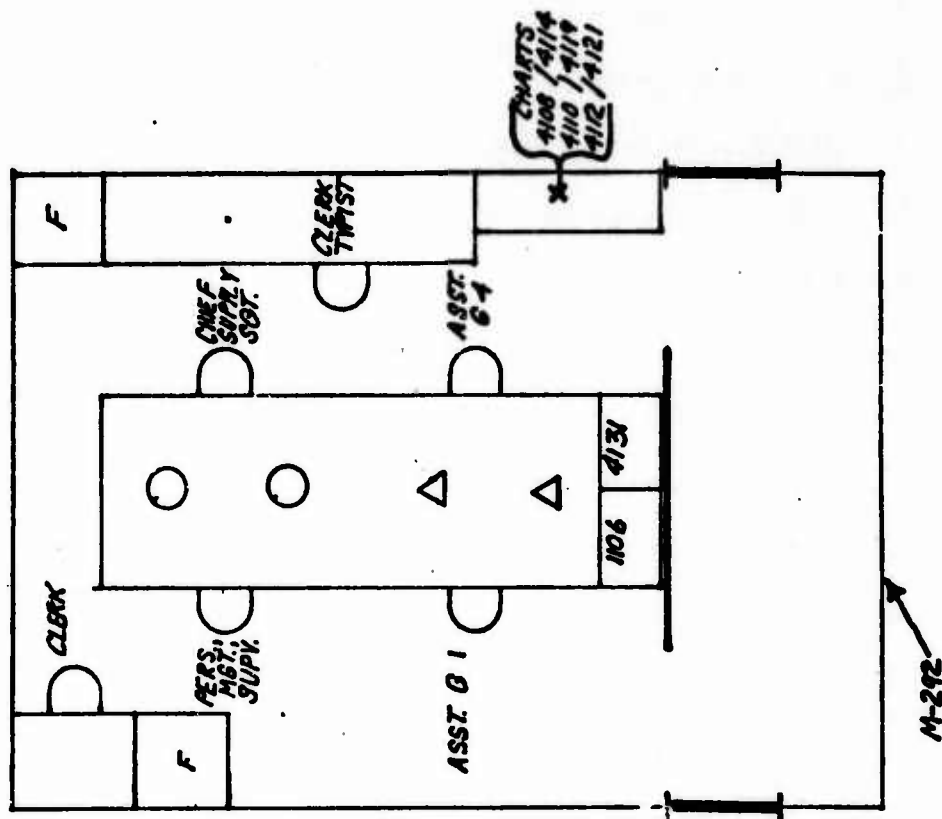
15. Div Arty CF 2 (RATT)

16. Admin Net

17. CF Net (Bn)

Figure 2-145 (cont). Legend for figure 2-146 and 2-147.

START OF TEST



AFTER BOTH DISPLACEMENTS

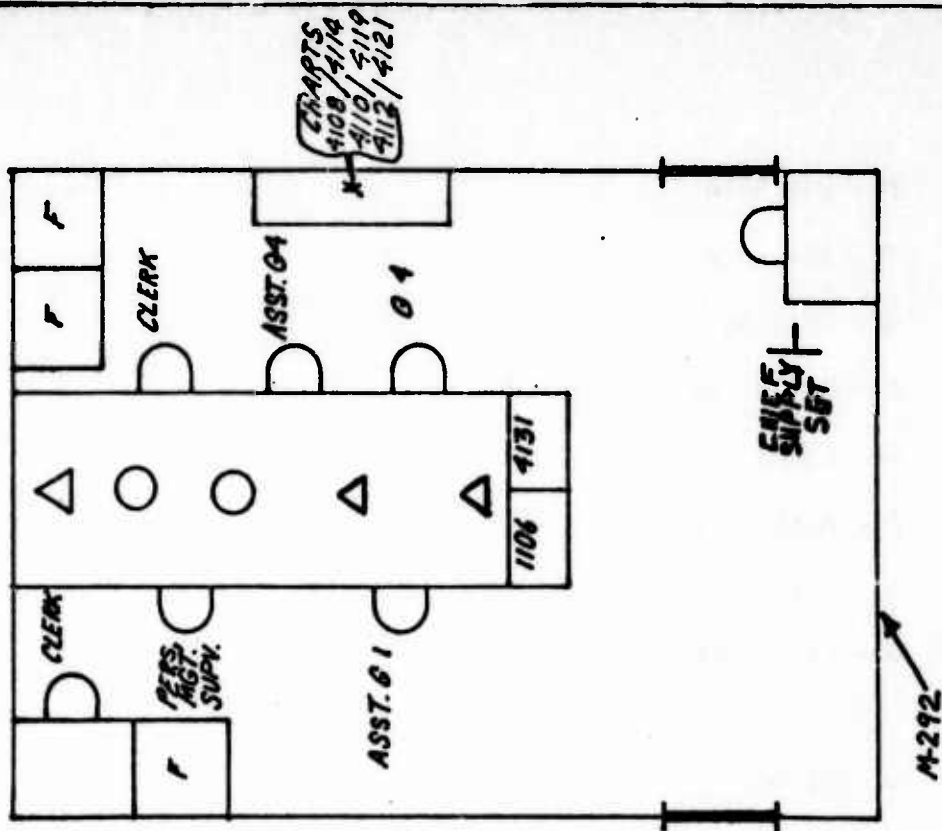
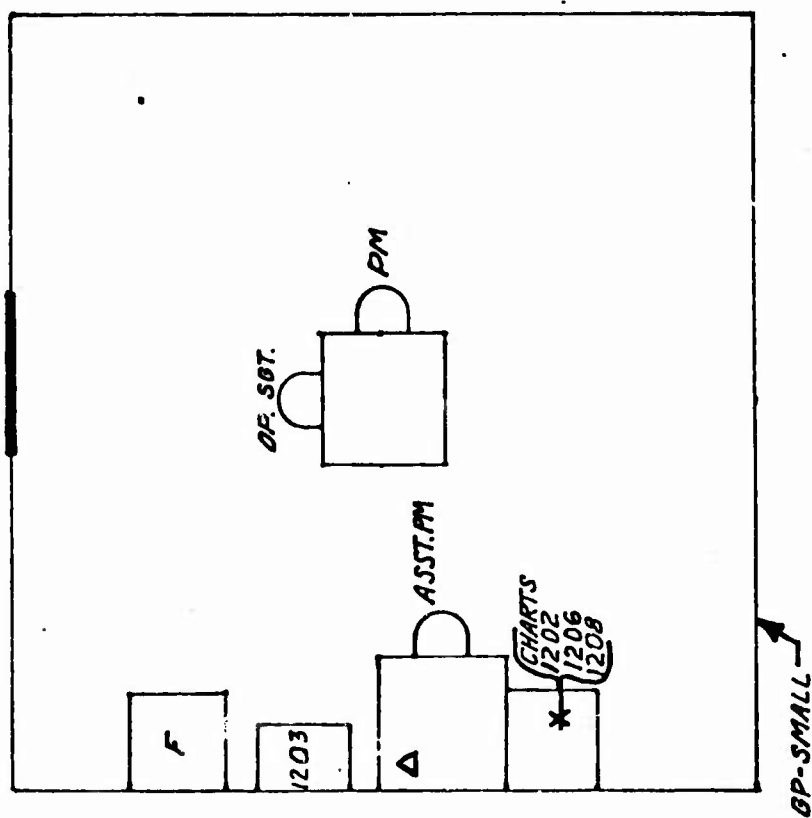


Figure 2-146. Division GI.

At Start of Test
FRONT →



After Both Displacements

FRONT →

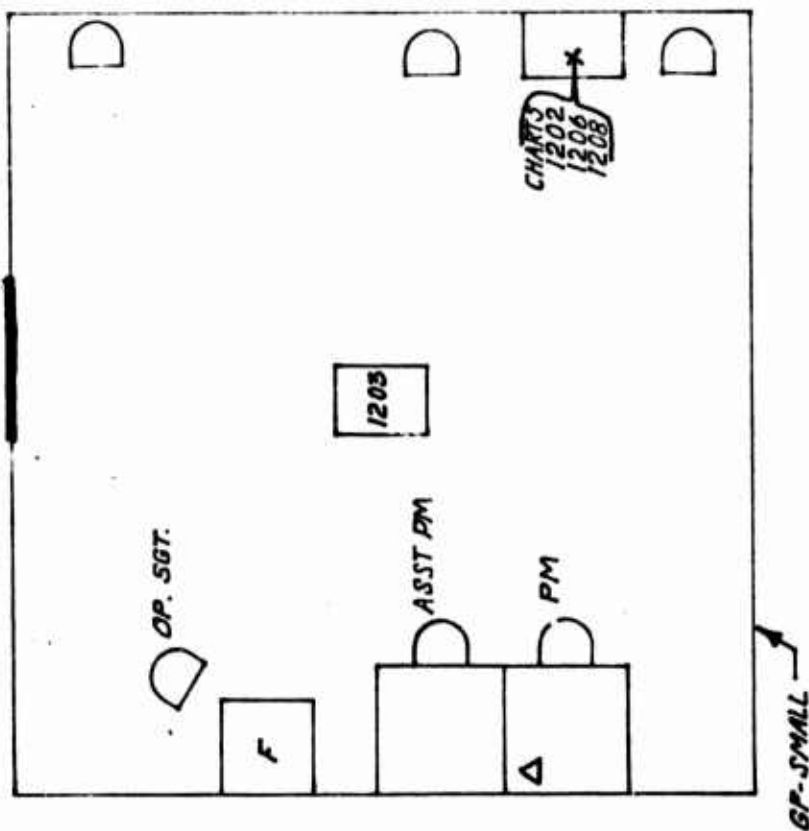


Figure 2-147. Division provost marshal.

TOPIC 7 - 61 COMMUNICATIONS (See figure 2-149 for response data).

- 1 How many calls did you make during this shift in each of the following categories: FM, AM Voice, Telephone? (PDQ1 #5).
- 2 Of the calls you made, how many had to be repeated (in total or in part) before the message was understood? (PDQ1 #6).
- 3 How many calls did you receive during this shift in each of the following categories: FM, AM Voice, Telephone? (PDQ1 #7).
- 4 Of the calls you received, how many had to be repeated (in total or in part) before the message was understood? (PDQ1 #8).
- 5 How many messages did you write for transmission by common-user telephone or RATT during this shift? (PDQ1 #9).
- 6 How many messages written or sent by your section for transmission by common-user teletype or RATT did you have to correct or clarify during this shift? (PDQ1 #10).
- 7 What is the total number of messages you received that had been transmitted by common-user teletype or RATT during this shift? (PDQ1 #11).
- 8 Of the common-user teletype or RATT messages received, how many times did you have to ask for a better copy or clarification of the message during this shift? (PDQ1 #12).
- 9 Did you have enough means of communications to do your job? (PDQ1 #13).
- 10 Did you have any problems with the following means of communication: FM, AM Voice, Telephone RATT? (PDQ1 #14).

OPIC 7 - GI COMMUNICATIONS (cont)

- 11 Was the organic means of communications for your section adequate? (PEQ #25, ID #28, IR #20, IID #31, IIR #15).
- 12 Was there a section/element at your level or another level, that your section/element should have had communications (FM, TTY, Telephone, etc.) with, but did not? Identify those sections. (PEQ #28, ID #31, IR #23, IID #34, IIR #19).
- 13 What effect did the communications failures have upon the element/section operational performance? (IID #35, IIR #20, ID #32, IR #24). (No date reported.)
- 14 Did your element/section disseminate early warning messages? (PDQ2, #31, IID #38.1).
- 15 Did your element/section receive early warning messages? (PDQ2 #32, IID #38.2).
- 16 Did difficulties arise concerning the dissemination of early warning messages due to the presently prescribed procedures using the command communications nets? (PDQ2 #33, IID #38.3, ID #34).
- 17 Was your section able to function adequately during periods of interrupted communications such as when jamming or other interference was experienced? (PEQ #29, ID #33, IID #36, IR #25, IIR #18).
- 18 Were the communications systems not organic to your section which normally support your section adequate to meet all operational requirements? (PEQ #26, ID #29, IR #21, IID #32, IIR #16).
- 19 Did your section experience any difficulties in obtaining additional communications support, either planning or operational, for subsystem/section requirements? (PEQ #27, ID #30, IR #22, IID #33, IIR #17).

Ques no	Possible response	Player responses					
		Admin	DIV PM	HQ Comdt			
		PDQI	pct	PDQI	pct	PDQI	pct
1	FM		10	-			
	AM						
2	TEL	282	-	113	-		
	FM						
	AM						
3	TEL	7	-	55	-		
	FM			2	-		
	AM						
4	TEL	170	-	95	-	5	-
	FM						
	AM						
5	TEL	11	-	35	-		
	Write						
	RATT	76	-	37	-		
6	Clarify						
	RATT						
7	Received						
	RATT	98	-	44	-		
8	Clarify						
	RATT			3	-		
9	YES	15	75	14	100	1	100
	NO	5	25				
10	YES						
(FM)	NO			6	43		
	Not used	20	100	8	57	1	100

Figure 2-149. GI responses to questions under topic 7 - Communications.

Ques no	Possible response	Player response					
		Admin		DIV PM		HQ Comdt	
		PDQI	pct	PDQI	pct	PDQI	pct
10 (AM)	YES						
	NO			1	7		
10 (TEL)	Not used	20	100	13	93	1	100
	YES	10	50	4	29		
10 (RATT)	NO	10	50	10	71	1	100
	Not used						
	YES	3	15	2	14		
	NO	13	65	9	64		
	Not used	4	20	3	21	1	100

Figure 2-149 (cont). GI responses to questions under topic 7 - Communications.

Ques no	Possible response	Player responses						Evaluator responses					
		Division GI		DIV PM		HQ Comdt		Division GI		Admin		DIV PM	
		PEQ	pct	PEQ	pct	PEQ	pct	ID IR	Wt pct	ID IR	Wt pct	ID IR	Wt pct
11	Yes			3	100	1	100	1	12	6	43	7	50
	No	1	100	3	100			3	88	1	57	1	50
	Excess												
12	Yes	1	100	1	33					1	57	2	14
	No	2	67	2	67	1	100	4	50	6	43	5	56
17	Yes												
	No			3	100								
	No jamming	1	100	3	100	1	100	4	100	7	100	7	50
18	Yes			3	100	1	100	4	50	5	61	4	54
	No	1	100					1	50	2	39	3	46
	Excess												
19	Yes	1	100			1	100			1	7		
	No			3	100					1	50	1	50
	Did not ask							4	50	6	43	7	50
												4	50

Figure 2-149 (cont). GI responses to questions under topic 7 - Communications.

Ques no	Possible response	Player responses						Evaluator responses					
		Division GI		DIV PM		H0 Comdt		Division GI		Admin		DIV PM	
		PDQ2	pct	PDQ2	pct	PDQ2	pct	ID IR	wt pct	ID IR	wt pct	ID IR	wt pct
14	Yes			1	8					2	29	3	43
	No			9	75					5	71	4	57
	Not known	4	100				92						
15	Yes			2	17		8						
	No			1						2	29	3	43
	Not known	3		9			12			5	71	3	57
16	Yes	1		2									
	No			7	58		10			7	100	7	100
	Not known	4	100	5	42		17					3	75
							25					1	25

Figure 2-149 (cont). GI responses to questions under topic 7 - Communications.

TOPIC 8 - GI EFFECT OF DISPLACEMENT (See figures 2-150 thru 2-152 for response data.)

- 1 How many times did you call someone on the radio while displacing? (PDQ1 #16.1)
- 2 How many times did someone call you on the radio while you were displacing? (PDQ1 #16.2)
- 3 While your section was displacing, did you have any problems with the following means of communication: RATT/TTY, FM, AM telephone (VHF)? (PDQ1 #17)
- 4 What additional means of communication did you need to do your job while displacing? (PDQ1 #18)
- 5 Record the times when the following events occurred for your element/section: a. Started displacement procedures; b. Ready to move; c. Departed old location; d. Arrived at new location; e. Became operational (set up completed) at new location. (Each subdivision is further divided into: 1 - Advance party; 2 - First increment; 3 - Second increment.) (PDQ2 #7)
- 6 When were you satisfied that effective operations could be maintained from the new location? (Entire section/element need not be closed on new location.) (PDQ2 #8)
- 7 Did you ever reach the point where effective operations could not be maintained during displacement from the old to the new location? (PDQ2 #9)
- 8 While displacing, what type of information were you unable to obtain on a timely basis? (PDQ2 #10)
- a 9 Identify any departures from the OFM concerning displacement procedures made during the test. Indicate if due to an incorrectly stated requirement, a misinterpretation, or unusual tactical requirement. (PEQ #38, ID #43, IR #31, IID #46, IIR #30)

a Significant comments are summarized in element and/or section analysis.

Ques no	Possible response	Player responses			Ques no	Possible response	Player responses		
		Admin	DIV PM	FDQ1 pct			Admin	DIV PM	FDQ1 pct
		PDQ1 pct	FDQ1 pct				PDQ1 pct	FDQ1 pct	
1	Calls made		11	-	3	Yes			
2	Calls received		6	-	(Tel)	No		2	33
(RATT)	Yes				4	Not used	6	100	67
	No					Tel			
3	Not used		1	17		FM	1	17	
	Yes	6	5	83		AM			
(FM)	No		3			RATT			
3	Not used	6	3	50		None	5	33	100
	Yes		3	50					
(AM)	No		2	33					
	Not used	6	4	67					

Figure 2-150. GI responses to questions under topic 3 - Effects of Displacement.

GI		Admin									
Service Rating		Did not use	Network not needed	Network needed	Not enough capability	Adequate capability	Too much capability	Interference or jamming experienced	Security device trouble experienced		
AM	2									AM	3
FM		2								FM	4
RATT	2									RATT	2
COMMON USER TTY	2									COMMON USER TTY	2
COMMON USER VHF TEL	2									COMMON USER VHF TEL	2
PT TO PT VHF TEL	2									PT TO PT VHF TEL	3

GI

Admin

Figure 2-151. GI responses to question No 11 under topic 8 - Effects of Displacement.

Service Rating		Service Rating	
Did not use	2	Did not use	2
Network not needed	2	Network not needed	2
Network needed	2	Network needed	2
Not enough capability	2	Not enough capability	2
Adequate capability	2	Adequate capability	2
Too much capability	2	Too much capability	2
Interference or jamming experienced	2	Interference or jamming experienced	2
Security device trouble experienced	2	Security device trouble experienced	2

PM

HQ Comdt

Figure 2-151 (Cont). GI responses to question No 11 under topic 8 - Effects of Displacement.

SECTION	POSNO	A 1 MM, MM	A 2 MM, MM	A 3 MM, MM	A 4 MM, MM	A 5 MM, MM	A 6 MM, MM	A 7 MM, MM	A 8 MM, MM	A 9 MM, MM	A 10 MM, MM	A 11 MM, MM	A 12 MM, MM	A 13 MM, MM	A 14 MM, MM	A 15 MM, MM	A 16 MM, MM	A 17 MM, MM	A 18 MM, MM	A 19 MM, MM	A 20 MM, MM	A 21 MM, MM	A 22 MM, MM	A 23 MM, MM	A 24 MM, MM	A 25 MM, MM	A 26 MM, MM	A 27 MM, MM	A 28 MM, MM	A 29 MM, MM	A 30 MM, MM	A 31 MM, MM	A 32 MM, MM	A 33 MM, MM	A 34 MM, MM	A 35 MM, MM	A 36 MM, MM	A 37 MM, MM	A 38 MM, MM	A 39 MM, MM	A 40 MM, MM	A 41 MM, MM	A 42 MM, MM	A 43 MM, MM	A 44 MM, MM	A 45 MM, MM	A 46 MM, MM	A 47 MM, MM	A 48 MM, MM	A 49 MM, MM	A 50 MM, MM	A 51 MM, MM	A 52 MM, MM	A 53 MM, MM	A 54 MM, MM	A 55 MM, MM	A 56 MM, MM	A 57 MM, MM	A 58 MM, MM	A 59 MM, MM	A 60 MM, MM	A 61 MM, MM	A 62 MM, MM	A 63 MM, MM	A 64 MM, MM	A 65 MM, MM	A 66 MM, MM	A 67 MM, MM	A 68 MM, MM	A 69 MM, MM	A 70 MM, MM	A 71 MM, MM	A 72 MM, MM	A 73 MM, MM	A 74 MM, MM	A 75 MM, MM	A 76 MM, MM	A 77 MM, MM	A 78 MM, MM	A 79 MM, MM	A 80 MM, MM	A 81 MM, MM	A 82 MM, MM	A 83 MM, MM	A 84 MM, MM	A 85 MM, MM	A 86 MM, MM	A 87 MM, MM	A 88 MM, MM	A 89 MM, MM	A 90 MM, MM	A 91 MM, MM	A 92 MM, MM	A 93 MM, MM	A 94 MM, MM	A 95 MM, MM	A 96 MM, MM	A 97 MM, MM	A 98 MM, MM	A 99 MM, MM	A 100 MM, MM	A 101 MM, MM	A 102 MM, MM	A 103 MM, MM	A 104 MM, MM	A 105 MM, MM	A 106 MM, MM	A 107 MM, MM	A 108 MM, MM	A 109 MM, MM	A 110 MM, MM	A 111 MM, MM	A 112 MM, MM	A 113 MM, MM	A 114 MM, MM	A 115 MM, MM	A 116 MM, MM	A 117 MM, MM	A 118 MM, MM	A 119 MM, MM	A 120 MM, MM	A 121 MM, MM	A 122 MM, MM	A 123 MM, MM	A 124 MM, MM	A 125 MM, MM	A 126 MM, MM	A 127 MM, MM	A 128 MM, MM	A 129 MM, MM	A 130 MM, MM	A 131 MM, MM	A 132 MM, MM	A 133 MM, MM	A 134 MM, MM	A 135 MM, MM	A 136 MM, MM	A 137 MM, MM	A 138 MM, MM	A 139 MM, MM	A 140 MM, MM	A 141 MM, MM	A 142 MM, MM	A 143 MM, MM	A 144 MM, MM	A 145 MM, MM	A 146 MM, MM	A 147 MM, MM	A 148 MM, MM	A 149 MM, MM	A 150 MM, MM	A 151 MM, MM	A 152 MM, MM	A 153 MM, MM	A 154 MM, MM	A 155 MM, MM	A 156 MM, MM	A 157 MM, MM	A 158 MM, MM	A 159 MM, MM	A 160 MM, MM	A 161 MM, MM	A 162 MM, MM	A 163 MM, MM	A 164 MM, MM	A 165 MM, MM	A 166 MM, MM	A 167 MM, MM	A 168 MM, MM	A 169 MM, MM	A 170 MM, MM	A 171 MM, MM	A 172 MM, MM	A 173 MM, MM	A 174 MM, MM	A 175 MM, MM	A 176 MM, MM	A 177 MM, MM	A 178 MM, MM	A 179 MM, MM	A 180 MM, MM	A 181 MM, MM	A 182 MM, MM	A 183 MM, MM	A 184 MM, MM	A 185 MM, MM	A 186 MM, MM	A 187 MM, MM	A 188 MM, MM	A 189 MM, MM	A 190 MM, MM	A 191 MM, MM	A 192 MM, MM	A 193 MM, MM	A 194 MM, MM	A 195 MM, MM	A 196 MM, MM	A 197 MM, MM	A 198 MM, MM	A 199 MM, MM	A 200 MM, MM	A 201 MM, MM	A 202 MM, MM	A 203 MM, MM	A 204 MM, MM	A 205 MM, MM	A 206 MM, MM	A 207 MM, MM	A 208 MM, MM	A 209 MM, MM	A 210 MM, MM	A 211 MM, MM	A 212 MM, MM	A 213 MM, MM	A 214 MM, MM	A 215 MM, MM	A 216 MM, MM	A 217 MM, MM	A 218 MM, MM	A 219 MM, MM	A 220 MM, MM	A 221 MM, MM	A 222 MM, MM	A 223 MM, MM	A 224 MM, MM	A 225 MM, MM	A 226 MM, MM	A 227 MM, MM	A 228 MM, MM	A 229 MM, MM	A 230 MM, MM	A 231 MM, MM	A 232 MM, MM	A 233 MM, MM	A 234 MM, MM	A 235 MM, MM	A 236 MM, MM	A 237 MM, MM	A 238 MM, MM	A 239 MM, MM	A 240 MM, MM	A 241 MM, MM	A 242 MM, MM	A 243 MM, MM	A 244 MM, MM	A 245 MM, MM	A 246 MM, MM	A 247 MM, MM	A 248 MM, MM	A 249 MM, MM	A 250 MM, MM	A 251 MM, MM	A 252 MM, MM	A 253 MM, MM	A 254 MM, MM	A 255 MM, MM	A 256 MM, MM	A 257 MM, MM	A 258 MM, MM	A 259 MM, MM	A 260 MM, MM	A 261 MM, MM	A 262 MM, MM	A 263 MM, MM	A 264 MM, MM	A 265 MM, MM	A 266 MM, MM	A 267 MM, MM	A 268 MM, MM	A 269 MM, MM	A 270 MM, MM	A 271 MM, MM	A 272 MM, MM	A 273 MM, MM	A 274 MM, MM	A 275 MM, MM	A 276 MM, MM	A 277 MM, MM	A 278 MM, MM	A 279 MM, MM	A 280 MM, MM	A 281 MM, MM	A 282 MM, MM	A 283 MM, MM	A 284 MM, MM	A 285 MM, MM	A 286 MM, MM	A 287 MM, MM	A 288 MM, MM	A 289 MM, MM	A 290 MM, MM	A 291 MM, MM	A 292 MM, MM	A 293 MM, MM	A 294 MM, MM	A 295 MM, MM	A 296 MM, MM	A 297 MM, MM	A 298 MM, MM	A 299 MM, MM	A 300 MM, MM	A 301 MM, MM	A 302 MM, MM	A 303 MM, MM	A 304 MM, MM	A 305 MM, MM	A 306 MM, MM	A 307 MM, MM	A 308 MM, MM	A 309 MM, MM	A 310 MM, MM	A 311 MM, MM	A 312 MM, MM	A 313 MM, MM	A 314 MM, MM	A 315 MM, MM	A 316 MM, MM	A 317 MM, MM	A 318 MM, MM	A 319 MM, MM	A 320 MM, MM	A 321 MM, MM	A 322 MM, MM	A 323 MM, MM	A 324 MM, MM	A 325 MM, MM	A 326 MM, MM	A 327 MM, MM	A 328 MM, MM	A 329 MM, MM	A 330 MM, MM	A 331 MM, MM	A 332 MM, MM	A 333 MM, MM	A 334 MM, MM	A 335 MM, MM	A 336 MM, MM	A 337 MM, MM	A 338 MM, MM	A 339 MM, MM	A 340 MM, MM	A 341 MM, MM	A 342 MM, MM	A 343 MM, MM	A 344 MM, MM	A 345 MM, MM	A 346 MM, MM	A 347 MM, MM	A 348 MM, MM	A 349 MM, MM	A 350 MM, MM	A 351 MM, MM	A 352 MM, MM	A 353 MM, MM	A 354 MM, MM	A 355 MM, MM	A 356 MM, MM	A 357 MM, MM	A 358 MM, MM	A 359 MM, MM	A 360 MM, MM	A 361 MM, MM	A 362 MM, MM	A 363 MM, MM	A 364 MM, MM	A 365 MM, MM	A 366 MM, MM	A 367 MM, MM	A 368 MM, MM	A 369 MM, MM	A 370 MM, MM	A 371 MM, MM	A 372 MM, MM	A 373 MM, MM	A 374 MM, MM	A 375 MM, MM	A 376 MM, MM	A 377 MM, MM	A 378 MM, MM	A 379 MM, MM	A 380 MM, MM	A 381 MM, MM	A 382 MM, MM	A 383 MM, MM	A 384 MM, MM	A 385 MM, MM	A 386 MM, MM	A 387 MM, MM	A 388 MM, MM	A 389 MM, MM	A 390 MM, MM	A 391 MM, MM	A 392 MM, MM	A 393 MM, MM	A 394 MM, MM	A 395 MM, MM	A 396 MM, MM	A 397 MM, MM	A 398 MM, MM	A 399 MM, MM	A 400 MM, MM	A 401 MM, MM	A 402 MM, MM	A 403 MM, MM	A 404 MM, MM	A 405 MM, MM	A 406 MM, MM	A 407 MM, MM	A 408 MM, MM	A 409 MM, MM	A 410 MM, MM	A 411 MM, MM	A 412 MM, MM	A 413 MM, MM	A 414 MM, MM	A 415 MM, MM	A 416 MM, MM	A 417 MM, MM	A 418 MM, MM	A 419 MM, MM	A 420 MM, MM	A 421 MM, MM	A 422 MM, MM	A 423 MM, MM	A 424 MM, MM	A 425 MM, MM	A 426 MM, MM	A 427 MM, MM	A 428 MM, MM	A 429 MM, MM	A 430 MM, MM	A 431 MM, MM	A 432 MM, MM	A 433 MM, MM	A 434 MM, MM	A 435 MM, MM	A 436 MM, MM	A 437 MM, MM	A 438 MM, MM	A 439 MM, MM	A 440 MM, MM	A 441 MM, MM	A 442 MM, MM	A 443 MM, MM	A 444 MM, MM	A 445 MM, MM	A 446 MM, MM	A 447 MM, MM	A 448 MM, MM	A 449 MM, MM	A 450 MM, MM	A 451 MM, MM	A 452 MM, MM	A 453 MM, MM	A 454 MM, MM	A 455 MM, MM	A 456 MM, MM	A 457 MM, MM	A 458 MM, MM	A 459 MM, MM	A 460 MM, MM	A 461 MM, MM	A 462 MM, MM	A 463 MM, MM	A 464 MM, MM	A 465 MM, MM	A 466 MM, MM	A 467 MM, MM	A 468 MM, MM	A 469 MM, MM	A 470 MM, MM	A 471 MM, MM	A 472 MM, MM	A 473 MM, MM	A 474 MM, MM	A 475 MM, MM	A 476 MM, MM	A 477 MM, MM	A 478 MM, MM	A 479 MM, MM	A 480 MM, MM	A 481 MM, MM	A 482 MM, MM	A 483 MM, MM	A 484 MM, MM	A 485 MM, MM	A 486 MM, MM	A 487 MM, MM	A 488 MM, MM	A 489 MM, MM	A 490 MM, MM	A 491 MM, MM	A 492 MM, MM	A 493 MM, MM	A 494 MM, MM	A 495 MM, MM	A 496 MM, MM	A 497 MM, MM	A 498 MM, MM	A 499 MM, MM	A 500 MM, MM	A 501 MM, MM	A 502 MM, MM	A 503 MM, MM	A 504 MM, MM	A 505 MM, MM	A 506 MM, MM	A 507 MM, MM	A 508 MM, MM	A 509 MM, MM	A 510 MM, MM	A 511 MM, MM	A 512 MM, MM	A 513 MM, MM	A 514 MM, MM	A 515 MM, MM	A 516 MM, MM	A 517 MM, MM	A 518 MM, MM	A 519 MM, MM	A 520 MM, MM	A 521 MM, MM	A 522 MM, MM	A 523 MM, MM	A 524 MM, MM	A 525 MM, MM	A 526 MM, MM	A 527 MM, MM	A 528 MM, MM	A 529 MM, MM	A 530 MM, MM	A 531 MM, MM	A 532 MM, MM	A 533 MM, MM	A 534 MM, MM	A 535 MM, MM	A 536 MM, MM	A 537 MM, MM	A 538 MM, MM	A 539 MM, MM	A 540 MM, MM	A 541 MM, MM	A 542 MM, MM	A 543 MM, MM	A 544 MM, MM	A 545 MM, MM	A 546 MM, MM	A 547 MM, MM	A 548 MM, MM	A 549 MM, MM	A 550 MM, MM	A 551 MM, MM	A 552 MM, MM	A 553 MM, MM	A 554 MM, MM	A 555 MM, MM	A 556 MM, MM	A 557 MM, MM	A 558 MM, MM	A 559 MM, MM	A 560 MM, MM	A 561 MM, MM	A 562 MM, MM	A 563 MM, MM	A 564 MM, MM	A 565 MM, MM	A 566 MM, MM	A 567 MM, MM	A 568 MM, MM	A 569 MM, MM	A 570 MM, MM	A 571 MM, MM	A 572 MM, MM	A 573 MM, MM	A 574 MM, MM	A 575 MM, MM	A 576 MM, MM	A 577 MM, MM	A 578 MM, MM	A 579 MM, MM	A 580 MM, MM	A 581 MM, MM	A 582 MM, MM	A 583 MM, MM	A 584 MM, MM	A 585 MM, MM	A 586 MM, MM	A 587 MM, MM	A 588 MM, MM	A 589 MM, MM	A 590 MM, MM	A 591 MM, MM	A 592 MM, MM	A 593 MM, MM	A 594 MM, MM	A 595 MM, MM	A 596 MM, MM	A 597 MM, MM	A 598 MM, MM	A 599 MM, MM	A 600 MM, MM	A 601 MM, MM	A 602 MM, MM	A 603 MM, MM	A 604 MM, MM	A 605 MM, MM	A 606 MM, MM	A 607 MM, MM	A 608 MM, MM	A 609 MM, MM	A 610 MM, MM	A 611 MM, MM	A 612 MM, MM	A 613 MM, MM	A 614 MM, MM	A 615 MM, MM	A 616 MM, MM	A 617 MM, MM	A 618 MM, MM	A 619 MM, MM	A 620 MM, MM	A 621 MM, MM	A 622 MM, MM	A 623 MM, MM	A 624 MM, MM	A 625 MM, MM	A 626 MM, MM	A 627 MM, MM	A 628 MM, MM	A 629 MM, MM	A 630 MM, MM	A 631 MM, MM	A 632 MM, MM	A 633 MM, MM	A 634 MM, MM	A 635 MM, MM	A 636 MM, MM	A 637 MM, MM	A 638 MM, MM	A 639 MM, MM	A 640 MM, MM	A 641 MM, MM	A 642 MM, MM	A 643 MM, MM	A 644 MM, MM	A 645 MM, MM	A 646 MM, MM	A 647 MM, MM	A 648 MM, MM	A 649 MM, MM	A 650 MM, MM	A 651 MM, MM	A 652 MM, MM	A 653 MM, MM	A 654 MM, MM	A 655 MM, MM	A 656 MM, MM	A 657 MM, MM	A 658 MM, MM	A 659 MM, MM	A 660 MM, MM	A 661 MM, MM	A 662 MM, MM	A 663 MM, MM	A 664 MM, MM	A 665 MM, MM	A 666 MM, MM	A 667 MM, MM	A 668 MM, MM	A 669 MM, MM	A 670 MM, MM	A 671 MM, MM	A 672 MM, MM	A 673 MM, MM	A 674 MM, MM	A 675 MM, MM	A 676 MM, MM	A 677 MM, MM	A 678 MM, MM	A 679 MM, MM	A 680 MM, MM	A 681 MM, MM	A 682 MM, MM	A 683 MM, MM	A 684 MM, MM	A 685 MM, MM	A 686 MM, MM	A 687 MM, MM	A 688 MM, MM	A 689 MM, MM	A 690 MM, MM	A 691 MM, MM	A 692 MM, MM	A 693 MM, MM	A 694 MM, MM	A 695 MM, MM	A 696 MM, MM	A 697 MM, MM	A 698 MM, MM	A 699 MM, MM	A 700 MM, MM	A 701 MM, MM	A 702 MM, MM	A 703 MM, MM	A 704 MM, MM	A 705 MM, MM	A 706 MM, MM	A 707 MM, MM	A 708 MM, MM	A 709 MM, MM	A 710 MM, MM	A 711 MM, MM	A 712 MM, MM	A 713 MM, MM	A 714 MM, MM	A 715 MM, MM	A 716 MM, MM	A 717 MM, MM	A 718 MM, MM	A 719 MM, MM	A 720 MM, MM	A 721 MM, MM	A 722 MM, MM	A 723 MM, MM	A 724 MM, MM	A 725 MM, MM	A 726 MM, MM	A 727 MM, MM	A 728 MM, MM	A 729 MM, MM	A 730 MM, MM	A 731 MM, MM	A 732 MM, MM	A 733 MM, MM	A 734 MM, MM	A 735 MM, MM	A 736 MM, MM	A 737 MM, MM	A 738 MM, MM	A 739 MM, MM	A 740 MM, MM	A 741 MM, MM	A 742 MM, MM	A 743 MM, MM	A 744 MM, MM	A 745 MM, MM	A 746 MM, MM	A 747 MM, MM	A 748 MM, MM	A 749 MM, MM	A 750 MM, MM	A 751 MM, MM	A 752 MM, MM	A 753 MM, MM	A 754 MM, MM	A 755 MM, MM	A 756 MM, MM	A 757 MM, MM	A 758 MM, MM	A 759 MM, MM	A 760 MM, MM	A 761 MM, MM	A 762 MM, MM	A 763 MM, MM	A 764 MM, MM	A 765 MM, MM	A 766 MM, MM	A 767 MM, MM	A 768 MM, MM	A 769 MM, MM	A 770 MM, MM	A 771 MM, MM	A 772 MM, MM	A 773 MM, MM	A 774 MM, MM	A 775 MM, MM	A 776 MM, MM	A 777 MM, MM	A 778 MM, MM	A 779 MM, MM	A 780 MM, MM	A 781 MM, MM	A 782 MM, MM	A 783 MM, MM	A 784 MM, MM	A 785 MM, MM	A 786 MM, MM	A 787 MM, MM	A 788 MM, MM	A 789 MM, MM	A 790 MM, MM	A 791 MM, MM	A 792 MM, MM	A 793 MM, MM	A 794 MM, MM	A 795 MM, MM	A 796 MM, MM	A 797 MM, MM	A 798 MM, MM	A 799 MM, MM	A 800 MM, MM	A 801 MM, MM	A 802 MM, MM	A 803 MM, MM	A 804 MM, MM	A 805 MM, MM	A 806 MM, MM	A 807 MM, MM	A 808 MM, MM	A 809 MM, MM	A 810 MM, MM	A 811 MM, MM	A 812 MM, MM	A 813 MM, MM	A 814 MM, MM	A 815 MM, MM	A 816 MM, MM	A 817 MM, MM	A 818 MM, MM	A 819 MM, MM	A 820 MM, MM	A 821 MM, MM	A 822 MM, MM	A 823 MM, MM	A 824 MM, MM	A 825 MM, MM	A 826 MM, MM	A 827 MM, MM	A 828 MM, MM	A 829 MM, MM	A 830 MM, MM	A 831 MM, MM	A 832 MM, MM	A 833 MM, MM	A 834 MM, MM	A 835 MM, MM	A 836 MM, MM	A 837 MM, MM	A 838 MM, MM	A 839 MM, MM	A 840 MM, MM	A 841 MM, MM	A 842 MM, MM	A 843 MM, MM	A 844 MM, MM	A 845 MM, MM	A 846 MM, MM	A 847 MM, MM	A 848 MM, MM	A 849 MM, MM	A 850 MM, MM	A 851 MM, MM	A 852 MM, MM	A 853 MM, MM	A 854 MM, MM	A 855 MM, MM	A 856 MM, MM	A 857 MM, MM	A 858 MM, MM	A 859 MM, MM	A 860 MM, MM	A 861 MM, MM	A 862 MM, MM	A 863 MM, MM	A 864 MM, MM	A 865 MM, MM	A 866 MM, MM	A 867 MM, MM	A 868 MM, MM	A 869 MM, MM	A 870 MM, MM	A 871 MM, MM	A 872 MM, MM	A 873 MM, MM	A 874 MM, MM	A 875 MM, MM	A 876 MM, MM	A 877 MM, MM	A 878 MM, MM	A 879 MM, MM	A 880 MM, MM	A 881 MM, MM	A 882 MM, MM	A 883 MM, MM	A 884 MM, MM	A 885 MM, MM	A 886 MM, MM	A 887 MM, MM	A 888 MM, MM	A 889 MM, MM	A 890 MM, MM	A 891 MM, MM
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Figure 2-152. GI responses to question No 5 and 6 under Topic 8 - Effects of Displacement.

TOPIC 9 - EFFECTS OF DESTRUCTION. (Section was destroyed; no data available.)

TOPIC 10 - G1 EFFECTS OF TAC CP DEPLOYMENT (See figures 2-153 and 154 for response data).

- 1 During the test my section was affected because of the establishment of a Div TAC CP. (PEQ #46, IR #39, IID #50, IIR #38).
- 2 My section/element changed functions or procedures when the TAC CP was established. (PDQ2 #14).

Possible Responses: (No data provided).

- a. An F/P was transferred from my element to the TAC CP.
- b. An F/P was transferred from my element to an element other than the TAC CP.
- c. An F/P was deleted from my element and no other element acquired it.
- d. My element acquired an F/P from another element.
- e. My element acquired a new F/P.
- f. No change in F/P required of my element.

3 My section had changes (transferred, added, or deleted) to functions or procedures when the TAC CP was established. (PEQ #49, ID #48, IR #41, IID #51.1, IIR #40).

4 Providing personnel or equipment support to TAC CP caused a serious degradation to my element capability. (PEQ #48).

*5 While the TAC CP was deployed, which personnel from your element were with the TAC CP and what was their function(s) at TAC? (PEQ #50).

*6 What personnel changes to the above manning should be made for the TAC CP? (PEQ #51, ID #51a, IR #42a, IID #52a, IIR #41a).

*7 What equipment did your element provide for the TAC CP? (PEQ #52).

*8 What changes to the above equipment should be made for the TAC CP? (PEQ #53, ID #51b, IR #42b, IID #52b, IIR #41b).

*Significant comments are summarized in element and/or section analysis.

TOPIC 10 - GI EFFECTS OF TAC CP DEPLOYMENT (cont)

- 9 Use this matrix to provide a communications service rating for those periods when the TAC CP was deployed. (ID #34a IID #38a).

Service Rating (Check one or more)						
	AM	FM	RAT	COMMON USER TTY	COMMON USER VHF TEL	PT TO PT VHF TEL
Did not use						
Network not needed						
Network needed						
Not enough capability						
Adequate capability						
Too much capability						
Interference or jamming experienced						
Security device trouble experienced						

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Ques no	Possible response	Player responses						Evaluator responses					
		Division GI		Admin		Div PM		HQ Comdt		Division GI		Admin	
		PEQ	pct	PEQ	pct	PEQ	pct	PEQ	pct	ID IR Wt	pct	ID IR Wt	pct
1	Yes												
	No	1	100	3	100	3	100	1	100	1	100	5	100
3	Yes											6	100
	No	1	100	3	100	3	100	1	100			5	100
4	TAC CP not											5	86
	Yes											2	14
	No	1	100	3	100	3	100	1	100			2	14

Figure 2-153. GI responses to questions under Tonic IO - Effects of TAC CP Deployment.

Figure 2-154. GI responses to question No 9 under topic 10 - Effects of TAC CP Deployment

7-2-4

Service Rating		AM	FM	RATT	COMMON USER TTY	COMMON USER VHF TEL	PT TO PT VHF TEL
Service Rating	Did not use	5	3	1	3	2	5
	Network not needed			1		1	
	Network needed						
	Not enough capability			3	2	2	
	Adequate capability		3	3			
	Too much capability						
Service Rating	Interference or jamming experienced						
	Security device trouble experienced						
	Did not use	3	3	3	3	3	3
	Network not needed		2				
	Network needed						
	Not enough capability						
	Adequate capability						
	Too much capability						
	Interference or jamming experienced						
	Security device trouble experienced						

PM

HQ Comdt

Figure 2-154 (cont). GI responses to question No 9 under topic 10 - Effects of C3 Deployment.

TOPIC 11 - G1 EFFECT OF THE ALT CP (See figure 2-155 for response data).

- 1 While control of the division is managed at the Div Alt CP, did the Alt CP keep your element at Div Main CP updated? (PEQ #62, ID #55, IID #56).
- 2 When you needed information during this shift from the division alternate CP, rate its responsiveness (PDQ2 #28).
- 3 When you received data from the Div Alt CP, rate its accuracy most of the time. (PDQ2 #29).
- 4 How often during this shift did division alternate CP ask your section for information or reports? (PDQ2 #30).
- 5 While control of the division is managed at the Div Alt CP, was your element at Div Main CP still having to provide information to the Div Alt CP? (PEQ #61, ID #54, IID #55).

Ques no	Possible response	Player responses						Evaluator responses					
		Division GI		Admin		Div PM		Hq Comdt		Division GI		Admin	
		PEQ	pct	PEQ	pct	PEQ	pct	PEQ	pct	ID IR	wt pct	ID IR	wt pct
1	Adequately Seldom Never	1	100										
				2	100			1	100			3	100
												2	100
5	Frequently Seldom Never	1	100										
				2	100			1	100			3	100
												2	100
												4	100

Figure 2-155. GI responses to questions under topic II - Effect of the Alt CP.

Ques no	Possible response	Player responses							
		Division GI		Admin		Div Pm		HQ Comdt	
		PDQ2	pct	PDQ2	pct	PDQ2	pct	PDQ2	pct
2	Fast	1	25	1	8				
	Adequate			2	17	1	8		
	Slow								
	Often								
	couldn't			1	8				
3	Didn't ask	3	75	8	67	11	92	4	100
	Very			2	17				
	accurate								
	Accurate								
	Inaccurate								
4	Very								
	Inaccurate								
	Didn't								
	receive	4	100	10	83	12	100	4	100
	Never			6	50	12	100	4	100
	Seldom			3	25				
	Frequently	4	100	3	25				

Figure 2-155 (cont). GI responses to questions under topic 11 - Effect of the Alt CP.

TOPIC 12 - GI EFFECT OF SHIFTING CONTROL (See figure 2-156 for response data).

- 1 When control of the division was returned from the TAC CP to the Div Main CP, did you experience any difficulties? (PEQ #47).
- 2 When a control of the division was returned from Div ALT CP to Div Main CP, did your section experience any difficulties? (PEQ #63, ID #56, IID #57). (Answered by Main CP only).
- 3 When control of the division was transferred from Div TAC CP to Div ALT CP, did your element experience any difficulties? (PEQ #72, ID #63, IID #64) (No data provided).

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Ques no	Possible response	Player responses						Evaluator responses					
		Division GI		Admin		Div PM		HQ Comdt		Division GI		Admin	
		PEQ	pct	PEQ	pct	PEQ	pct	PEQ	pct	ID IR Wt pct	ID IR Wt pct	ID IR Wt pct	ID IR Wt pct
1	Yes												
	No	1		3	100	3	100	1	100				
2	Inaccurate												
	Missing												
	Other												
	No	1	100	2	100			1	100	7	100	6	100
												3	100

Figure 2-156. GI responses to questions under topic 12 - Effect of Shifting Control.

TOPIC 13 - GI SCENARIO, CONTROL, AND TRAINING (See figure 2-157 for response data).

- 1a When you came on shift, did the person you were relieving brief you on what had happened while you were not on shift? (PDQ1 #3).
- 1b When you came on shift, did the person you were relieving brief you on what to expect during this shift? (PDQ1 #3).
- 2a In your opinion, were there unrealistic constraints placed upon your section by the problem play or the control organization? (PEQ #1, ID #2, IR #2, IID #7, IIR #1).
- 2b Could the above constraints effect the data gathered in any way? (PEQ #1, ID #2, IR #2, IID #7, IIR #1).
- 3 Did any control or scenario related problems become apparent besides the constraints mentioned above? (PEQ #2, ID #3, IR #3, IID #8, IIR #2).
- 4 Was the performance of your element adversely affected during the test by the qualifications of element personnel regarding RANK, MOS, or EXPERIENCE? (PEQ #3).
- 5 Are there areas where additional training is required for the personnel assigned to your section/element? (PEQ #4, ID #4, IR #4, IID #6, IIR #3).
- 6a Was your counterpart required to give an excessive amount of guidance/advice during this shift? (ID #13.1, IID #21).
- 6b If yes, what was the reason for the excessive guidance/advice? (ID #13.1, IID #21) (No data provided).
 - 1 Unusual scenario activities (frequency or type).
 - 2 Staff organization (coordination problems).
 - 3 Experienced staffers, but first time working together.
 - 4 Inexperienced staff members.
 - 5 Other

Ques no	Possible response	Player responses					
		Admin		Div PM		HQ Comdt	
		PDQI	pct	PDQI	pct	PDQI	pct
1a	Yes	15	75	14	100	1	100
	No	5	25				
1b	Yes	16	75	14	100	1	100
	No	4	25				

Figure 2-157. GI responses to question under topic 13 - Scenario, Control, and Training.

Ques no	Possible response	Player responses						Evaluator responses					
		Division GI		Admin		Div FM		HQ Comdt		Division GI		Admin	
		PEQ	pct	PEQ	pct	PEQ	pct	PEQ	pct	ID IR Wt	pct	ID IR Wt	pct
2a	Yes	1	33	1	33	3	100	1	100	4	1	7	7
	No	1	100	2	67	3	100	1	100	4	1	100	6
2b	Yes	1	100	3	100	3	100	1	100	4	1	100	1
	No	1	100	1	33	3	100	1	100	4	1	100	1
3	Yes	1	100	1	33	3	100	1	100	4	1	100	7
	No	1	100	2	67	3	100	1	100	4	1	100	7
4	Yes	1	100	3	100	3	100	1	100	4	1	100	7
(RK)	No	1	100	3	100	3	100	1	100	4	1	100	7
4	Yes	1	100	3	100	3	100	1	100	4	1	100	7
(MOS)	No	1	100	3	100	3	100	1	100	4	1	100	7
4	Yes	1	100	3	100	3	100	1	100	4	1	100	7
(Exp)	No	1	100	3	100	3	100	1	100	4	1	100	7
5	Yes	1	100	3	100	3	100	1	100	4	1	100	7
	No	1	100	3	100	3	100	1	100	4	1	100	7
6a	Yes	1	100	3	100	3	100	1	100	4	1	100	7
	No	1	100	3	100	3	100	1	100	4	1	100	7
7a	Yes	1	100	3	100	3	100	1	100	4	1	100	7
	No	1	100	3	100	3	100	1	100	4	1	100	7

Figure 2-157 (cont). GI responses to questions under topic 13 - Scenario, Control, and Training.

TOPIC 14 - GI INFORMATION FLOW (See figures 2-158 and 2-159 for response data).

- 1 The purpose of this question is to highlight the functional relationships between you and the division command group, other members of the staff or other levels of command. Place an F or S in the appropriate block to indicate how often you were involved in one of the listed activities. (F = frequently - 5 or more times; S = seldom - 1-4 times; leave blank if "never" is appropriate). For definitions of "orders", "guidance", and "direction", see below: (PEQ #34).

Order: An order may be oral or written and states the mission and concept for execution and is normally issued from commander to subordinate commander. Formal examples are written OPORD, FRAGO, admin/log order, and warning order; informal examples are the everyday oral versions of the same items.

Guidance: Guidance provides broad and general guidelines for accomplishing tasks or missions. Guidance is not as strict as direction and allows the subordinate latitude to select the means within the guidelines to accomplish the task or mission.

Direction: Instructions which lay out in detail the tasks to be accomplished. Direction is very structured and is not as flexible as guidance. Direction also implies supervision.

- 2 Did difficulties arise from the relationships shown in the matrix for question 1, such as unnecessary duplications of effort (functions and procedures)? (PEQ #35).
- 3 Rate the following factors as they pertain to the mission performance of your element/section as: 1 Excellent; 2 Good; 3 Fair; 4 Poor; 5 Unsatisfactory. (IR #6, IIR #7).
- a. Coordination within own headquarters
 - b. Coordination with other headquarters
 - c. Guidance given to the section/element.
 - d. Supervision of the section/element.

ICPIC 14 - GI INFORMATION FLOW (cont)

- 4 Rate each of the following characteristics concerning information provided to your element as: 1 Excellent; 2 Good; 3 Fair; 4 Poor; 5 Unsatisfactory. (Enter a rating number in each box). (PDQ2 #4, PEQ #12, IR #5, IIR #6).
- a. Adequacy
 - b. Relevancy
 - c. Timeliness
 - d. Accuracy
- 5 Did you experience difficulty in obtaining information from the other elements in the staff structure tested? (PEQ #13, ID #6, IR #8, IID #14, IIR #8).
- 6 With respect to the information provided to you as an evaluator were there any times when your counterpart: (ID #5, IID #13).
- a. Was not presented critically important tactical information available to this staff?
 - b. Failed to recognize critically important tactical information brought to his attention?
 - c. Failed to request critically important tactical information?
 - d. Requested but was unable to obtain critically important tactical information?
- 7 Did your counterpart receive guidance, plans, and orders in sufficient time to make most of the necessary preparations to meet operational requirements? (ID #7, IR #9, IID #15, IIR #9).

TOPIC 14 - GI INFORMATION FLOW (cont)

- 8 Did your counterpart give guidance and orders in sufficient time for his section/element to make most of the necessary preparations to meet the operational requirements? (ID #8, IR #10, IID #16, IIR #10).
- 9 Did your section/element send forward their requests in time (per SOP) for the higher headquarters to meet the requests? (ID #10, IR #11, IID #17, IIR #11).
- 10 Did your section/element receive requests from other elements in time (per SOP) for your section/element to meet the requests? (ID #9, IR #12, IID #18, IIR #12).
- 11 Was the intelligence support provided to your element adequate? (PEQ #14, IR #15, IIR #13).
- 12 Was the intelligence support any better or worse than you have experienced under the traditional divisional G2/S2 organization? (PEQ #15, IR #16, IIR #14).
- 13a Was your subsystem/section able to keep the commander adequately informed during his absence from the CP. (ID #11a, IR #13).
- 13b What type of information was missing if answered No? (ID #11b, IR #13).

Action taken	GI		Elements					
			PM		Admin		HQ Comdt	
	No	Pct	No	Pct	No	Pct	No	Pct
Orders, direction, and guidance provided to								
GI					3	2.0	6	4.1
PM	9	6.1			6	4.1	18	12.2
AG	12	8.2			6	4.1		
HQ Comdt	18	12.2	6	4.1				
DTO	3	2.0						
DISCOM SI					18	12.2		
Div Arty SI					18	12.2		
Bde SI			12	8.2	12	8.2		
TOTAL	42	28.5	18	12.3	63	42.8	24	16.3
Orders, direction, and guidance received from								
Comd Gp	15	8.8	54	31.6	12	7.0		
GI			18	10.5	36	21.1	18	10.5
PM							6	3.5
G2					6	3.5		
G3					6	3.5		
TOTAL	15	8.8	72	42.1	60	35.1	24	14.0
Information and recommendations provided to								
Comd Gp	18	9.2						
GI					12	6.2		
PM	9	4.6			6	3.1	6	3.1
AG	9	4.6			12	6.2		
HQ Comdt	6	3.1						
G3	6	3.1						
C-E Off	6	3.1						
G4	6	3.1						
DTO	3	1.5	12	6.2				
G5			18	9.2				
DISCOM SI	3	1.5			18	9.2		
Div Arty SI	3	1.5			18	9.2		
Bde SI	3	1.5			18	9.2		
Bn SI	3	1.5						
TOTAL	75	38.3	30	15.4	84	43.1	6	3.1

Figure 2-158. GI functional relationships.

Action taken	GI		Elements					
			PM		Admin		HQ Comdt	
	No	Pct	No	Pct	No	Pct	No	Pct
Information and recommendations received from								
Comd Gp	9	3.8			6	2.5		
GI			18	7.5	18	7.5	12	5.0
PM	6	2.5						
AG	6	2.5			6	2.5		
HQ Comdt	6	2.5	12	5.0				
G2					3	1.3		
G3	9	3.8			3	1.3		
C-E Off	6	2.5						
G4	6	2.5	18	7.5				
DTO			12	5.0				
DISCOM SI	6	2.5			18	7.5		
Div Arty SI	6	2.5			18	7.5		
Bde Comd Gp					6	2.5		
Bde SI	6	2.5			18	7.5		
Bn SI	6	2.5						
TOTAL	72	30.1	60	25.0	96	40.1	12	5.0

Figure 2-158 (cont). GI functional relationships.

Ques no	Possible response	Player responses					Evaluator responses					
		Division GI		Div PM		HQ Comdt	Division GI		Admin		Div PM	HQ Comdt
		PEQ	pct	PEQ	pct		ID IR Wt	pct	ID IR Wt	pct		
2	Yes	1	100									
3a	No			3	100	1	100					
	Excellent											
	Good											
	Fair											
	Poor											
3b	Unsat											
	Excellent											
	Good											
	Fair											
	Poor											
3c	Unsat											
	Excellent											
	Good											
	Fair											
	Poor											
3d	Unsat											
	Excellent											
	Good											
	Fair											
	Poor											
5	Unsat											
	Yes	1	100	2	67							
	No			1	33	1	100	4	100	5	14	2
				3	100							

Figure 2-159. GI responses to questions under topic 14 - Information Flow.